**TABLE 9 - ATOMIC COORDINATE, STRUCTURE FACTOR AND NMR EXPERIMENTAL DATA ENTRIES ON HOLD - APRIL 1993**

| *IDENT CODE* | | *MOLECULE* | *DEPOSITOR(S)* | *DATE* | *HOLD EXPIRES* | *STATUS* |
|---|---|---|---|---|---|---|
| R1ST3SF | | SUBTILISIN BL(BACILLUS LENTUS) | D.GODDETTE | 11/91 | 6/93 | SH |
| R3SODSF | | SUPEROXIDE DISMUTASE(BOVINE) | J.TAINER ET AL. | 6/90 | 6/94 | SH |
| R1TBSSF | * | TRYPSIN/BENZAMIDINE | A.O.SMALAS | 7/92 | 11/93 | SH |

* New or replacement entry since January 1993 release

Status Codes:

| | |
|---|---|
| A | Alpha carbon atoms only |
| B | Backbone only |
| H | Hold for delayed release as specified by depositor |
| M | NMR restraints and other NMR experimental data |
| N | New entry awaiting approval by depositor |
| P | In preparation |
| R | Replacement for entry in Table 3 |
| S | Structure factors |

**TABLE 9 - ATOMIC COORDINATE, STRUCTURE FACTOR AND NMR EXPERIMENTAL DATA ENTRIES ON HOLD - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | HOLD EXPIRES | STATUS |
|---|---|---|---|---|---|---|
| COORDINATE ENTRIES | | | | | | |
| 1ADD | * | ADENOSINE DEAMINASE/1-DEAZA-ADENOSINE | D.K.WILSON,F.A.QUIOCHO | 12/92 | 12/93 | PH |
| 1DLA | * | ALDOSE REDUCTASE | J.-M.RONDEAU,F.TETE-FAVIER,A.PODJARNY, J.-M.REYMANN,P.BARTH,J.-F.BIELLMANN,D.MORAS | 2/93 | 2/94 | PH |
| 4AZU | | AZURIN (PH 5.5) | H.NAR,A.MESSERSCHMIDT,R.HUBER | 6/91 | 6/93 | PH |
| 5AZU | | AZURIN (PH 9.0) | H.NAR,A.MESSERSCHMIDT,R.HUBER | 6/91 | 6/93 | PH |
| 1CGT | | CYCLODEXTRIN GLYCOSYLTRANSFERASE | C.KLEIN,G.E.SCHULZ | 6/92 | 7/93 | PH |
| 1CGU | | CYCLODEXTRIN GLYCOSYLTRANSFERASE MUTANT(D229A) | C.KLEIN,G.E.SCHULZ,H.BENDER,J.HOLLENDER | 6/92 | 7/93 | PH |
| 2CPL | * | CYCLOPHILIN(HUMAN,T CELL) | H.KE | 6/92 | 6/93 | PH |
| 1CYH | * | CYCLOPHILIN A(T CELL) | H.KE,D.MAYROSE,W.CAO | 12/92 | 1/94 | PH |
| 2PDD | * | DIHYDROLIPOAMIDE ACETYLTRANSFERASE(BINDING DOMAIN)(NMR) | Y.N.KALIA,S.M.BROCKLEHURST,D.S.HIPPS,P.J.KRAULIS, A.R.C.RAINE,K.SAKAGUCHII,E.APPELLA,E.D.LAUE, R.N.PERHAM | 11/92 | 10/93 | PH |
| 2PDE | * | DIHYDROLIPOAMIDE ACETYLTRANSFERASE(BINDING DOMAIN)(NMR,RESTRAINED MIN.STRUCTURE) | Y.N.KALIA,S.M.BROCKLEHURST,D.S.HIPPS,E.APPELLA, A.SAKAGUCHI,R.N.PERHAM | 11/92 | 10/93 | PH |
| 1D77 | | DNA(CGCIAATTCGCG) | J.C.XUAN,I.T.WEBER | 5/92 | 6/93 | PH |
| 2FKE | * | FK-506 BINDING PROTEIN/FK506 | J.W.BECKER,B.M.MCKEEVER,J.ROTONDA | 1/93 | 1/94 | PH |
| 1YAT | * | 12 KDA YEAST FK-506 BINDING PROTEIN/FK-506 | J.ROTONDA,J.W.BECKER | 1/93 | 1/94 | PH |
| 1FKD | * | FK-506 BINDING PROTEIN/L-685,818 | J.W.BECKER,J.ROTONDA,B.M.MCKEEVER | 12/92 | 12/93 | PH |
| 1GSS | * | GLUTATHIONE S-TRANSFERASE(HUMAN PLACENTA) | P.REINEMER,H.W.DIRR,R.LADENSTEIN,M.LO BELLO, G.FEDERICI,R.HUBER,M.W.PARKER | 5/92 | 5/93 | PH |
| 1GSR | | GLUTATHIONE S-TRANSFERASE(PIG LUNG) | P.REINEMER,H.W.DIRR,R.LADENSTEIN,J.SCHAEFFER, O.GALLAY,R.HUBER | 5/92 | 5/93 | PH |
| 1CSG | * | GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR | M.WALTER,W.COOK,S.EALICK | 11/92 | 6/93 | PH |
| 1CBM | * | CARBONMONOXY-BETA4 HEMOGLOBIN(R-LIKE QUATERNARY STATE) | G.E.O.BORGSTAHL,A.ARNONE | 2/93 | 2/94 | PH |
| 1CBL | * | DEOXY-BETA4 HEMOGLOBIN(R-LIKE QUATERNARY STATE) | G.E.O.BORGSTAHL,A.ARNONE | 2/93 | 2/94 | PH |
| 2HTC | | HIRUDIN(VARIANT 2)/THROMBIN | A.TULINSKY ET AL. | 4/91 | 4/93 | PH |
| 1HGT | | HIRUGEN/THROMBIN | A.TULINSKY ET AL. | 6/91 | 6/93 | PH |
| 2HGT | | HIRULOG 1/THROMBIN | A.TULINSKY,V.CARPEROS | 6/91 | 6/93 | PH |
| 1HIO | | HISTONE OCTAMER | G.ARENTS,E.MOUDRIANAKIS | 9/91 | 9/93 | PH |
| 1RDH | * | HIV-1 REVERSE TRANSCRIPTASE, RIBONUCLEASE H DOMAIN | B.C.FINZEL,D.CHATTOPADHYAY,H.M.EINSPAHR | 3/93 | 3/94 | PH |
| 1BBJ | | FAB' FRAGMENT(B72.3) OF CHIMAERIC MONOCLONAL ANTIBODY | R.L.BRADY,R.E.HUBBARD,R.J.TODD | 4/92 | 4/93 | PH |
| 1DBB | * | IGG1 FAB' FRAGMENT(DB3 MONOCLONAL ANTIBODY)/ PROGESTERONE | J.H.AREVALO,I.A.WILSON | 11/92 | 11/94 | PH |
| 1DBA | * | IGG1 FAB'(KAPPA 1,SUBGROUP 2A) OF THE DB3 MONOCLONAL ANTIBODY | J.H.AREVALO,I.A.WILSON | 11/92 | 11/94 | PH |
| 1INT | * | INTERLEUKIN 4 | M.WALTER, ET.AL. | 11/92 | 11/93 | PH |
| 1LGA | * | LIGNIN PEROXIDASE | T.L.POULOS,S.L.EDWARDS,H.WARIISHI,M.H.GOLD | 12/92 | 12/93 | PH |
| 1CRL | * | LIPASE(TRIACYLGLYCEROL HYDROLASE) | P.GROCHULSKI,M.CYGLER | 3/93 | 1/94 | PH |
| 1LST | * | LYSINE-ARGININE-ORNITHINE-BINDING PROTEIN | S.H.KIM,B.H.OH | 2/93 | 6/94 | PH |
| 1LMA | | LYSOZYME(HEN,CLOSELY PACKED PROTEIN CRYSTAL) | MADHUSUDAN,R.KODANDAPANI,M.VIJAYAN | 8/92 | 11/93 | PH |
| 1BMD | * | MALATE DEHYDROGENASE/NADH | C.A.KELLY,J.J.BIRKTOFT | 11/92 | 11/93 | PH |
| 2AAH | * | METHANOL DEHYDROGENASE(METHYLOPHILIS W3A1) | Z.X.XIA,F.S.MATHEWS | 8/92 | 10/93 | PH |
| 1MTA | * | METHYLAMINE DEHYDROGENASE/AMICYANIN/ CYTOCHROME C551I | L.CHEN,F.S.MATHEWS | 6/92 | 7/93 | PH |
| 1MYT | * | MYOGLOBIN(MET,YELLOWFIN TUNA) | BIRNBAUM,ROSE,PRZBLSKA | 5/91 | 8/93 | PH |
| 1CDD | | PHOSPHORIBOSYLGLYCINAMIDE FORMYLTRANSFERASE | R.J.ALMASSY | 5/92 | 5/93 | PH |
| 1CDE | * | PHOSPHORIBOSYLGLYCINAMIDE FORMYLTRANSFERASE | R.J.ALMASSY | 5/92 | 5/93 | PH |
| 1PDG | | PLATELET-DERIVED GROWTH FACTOR BB | C.OEFNER,AA.D.DARCY,F.K.WINKLER,B.EGGIMANN, | 7/92 | 10/93 | PH |
| 1PCA | * | PROCARBOXYPEPTIDASE A | A.GUASCH,M.COLL,R.HUBER | 10/91 | 10/93 | PH |
| 1SEL | * | SELENOSUBTILISIN MUTANT (S221SELENOCYSTEINE) | R.SYED,J.M.HOGLE,D.HILVERT | 1/93 | 8/93 | PH |
| 1ST3 | | SUBTILISIN BL(BACILLUS LENTUS) | D.GODDETTE | 11/91 | 6/93 | PH |
| 1BBR | | BOVINE THROMBIN/FIBRINOPEPTIDE-A ALPHA (RESIDUES 7-16) | P.MARTIN,B.EDWARDS | 4/92 | 5/93 | PH |
| 1ETR | * | E-THROMBIN(BOVINE)/MQPA | W.BODE,H.BRANDSTETTER | 7/92 | 7/93 | PH |
| 1ETS | * | E-THROMBIN(BOVINE)/NAPAP | W.BODE,H.BRANDSTETTER | 7/92 | 7/93 | PH |
| 1ETT | * | E-THROMBIN(BOVINE)/TAPAP | W.BODE,H.BRANDSTETTER | 7/92 | 7/93 | PH |
| 1TBS | * | TRYPSIN(BENZAMIDINE INHIBITED) | A.O.SMALAS | 7/92 | 11/93 | PH |
| NMR ENTRIES | | | | | | |
| | | NO NMR ENTRIES PRESENTLY ON HOLD | | | | |
| STRUCTURE FACTOR ENTRIES | | | | | | |
| R1DLASF | * | ALDOSE REDUCTASE | J.-M.RONDEAU,F.TETE-FAVIER,A.PODJARNY, J.-M.REYMANN,P.BARTH,J.-F.BIELLMANN,D.MORAS | 2/93 | 2/97 | SH |
| R1YATSF | * | FK-506 BINDING PROTEIN(12 KDA,YEAST)/FK-506 | J.ROTONDA,J.W.BECKER | 1/93 | 1/94 | SH |
| R1FKDSF | * | FK-506 BINDING PROTEIN/L-685,818 | J.W.BECKER,J.ROTONDA,B.M.MCKEEVER | 12/92 | 12/93 | SH |
| R1RDHSF | * | HIV-1 REVERSE TRANSCRIPTASE(RIBONUCLEASE H DOMAIN) | B.C.FINZEL,D.CHATTOPADHYAY,H.M.EINSPAHR | 3/93 | 3/97 | SH |
| R1LAPSF | | LEUCINE AMINOPEPTIDASE(BOVINE LENS) | S.K.BURLEY,P.R.DAVID,A.TAYLOR,W.N.LIPSCOMB | 8/90 | 10/94 | SH |
| R1LMASF | | LYSOZYME(HEN,CLOSELY PACKED CRYSTAL) | MADHUSUDAN,R.KODANDAPANI,M.VIJAYAN | 8/92 | 11/93 | SH |
| R2MCMSF | | MACROMOMYCIN(STREPTOMYCES MACROMOMYCETICUS) | P.VAN ROEY | 5/91 | 4/94 | SH |
| R1MADSF | | METHYLAMINE DEHYDROGENASE | F.M.D.VELLIEUX,W.G.J.HOL | 6/90 | 2/95 | SH |
| R1MYTSF | | MYOGLOBIN(MET,YELLOWFIN TUNA) | BIRNBAUM,ROSE,PRZBLSKA | 5/91 | 8/93 | SH |
| R1CDDSF | | PHOSPHORIBOSYLGLYCINAMIDE FORMYLTRANSFERASE | R.J.ALMASSY | 5/92 | 5/93 | SH |
| R1APMSF | * | CAMP-DEPENDENT PROTEIN KINASE (CATALYTIC SUBUNIT)/PKI | D.R.KNIGHTON,S.M.BELL,J.ZHENG,L.F.TEN EYCK,N.XUONG, S.S.TAYLOR,J.M.SOWADSKI | 1/93 | 4/94 | SH |
| R1ATPSF | * | CAMP-DEPENDENT PROTEIN KINASE/PKI/MNATP | J.ZHENG.E.A.TRAFNY,D.R.KNIGHTON,N.-H.XUONG, S.S.TAYLOR,L.F.TEN EYCK,J.M.SOWADSKI | 3/93 | 4/94 | SH |

**TABLE 8 - COORDINATE, NMR AND STRUCTURE FACTOR ENTRIES IN PREPARATION - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| R1RNDSF | | RIBONUCLEASE A(BOVINE)/3',5'-DCPDG | C.AGUILAR ET AL. | 10/91 | S |
| R1RTBSF | | RIBONUCLEASE A(BOVINE,PANCREATIC) | D.L.BIRDSALL,A.MCPHERSON | 8/92 | S |
| R1RTASF | | RIBONUCLEASE A/THYMIDYLIC ACID TETRAMER | D.L.BIRDSALL,A.MCPHERSON | 8/92 | S |
| R1RBCSF | | RIBONUCLEASE S MUTANT(M13A) | R.VARADARAJAN,F.M.RICHARDS | 6/92 | S |
| R1RBDSF | | RIBONUCLEASE S MUTANT(M13ABA) | R.VARADARAJAN,F.M.RICHARDS | 6/92 | S |
| R1RBESF | | RIBONUCLEASE S MUTANT(M13F) | R.VARADARAJAN,F.M.RICHARDS | 6/92 | S |
| R1RBFSF | | RIBONUCLEASE S MUTANT(M13G) | R.VARADARAJAN,F.M.RICHARDS | 6/92 | S |
| R1RBGSF | | RIBONUCLEASE S MUTANT(M13I) | R.VARADARAJAN,F.M.RICHARDS | 6/92 | S |
| R1RBHSF | | RIBONUCLEASE S MUTANT(M13L) | R.VARADARAJAN,F.M.RICHARDS | 6/92 | S |
| R1RBISF | | RIBONUCLEASE S MUTANT(M13V) | R.VARADARAJAN,F.M.RICHARDS | 6/92 | S |
| R1GMQSF | | RIBONUCLEASE SA/2'-GUANOSINE MONOPHOSPHATE | J.SEVCIK,C.HILL,Z.DAUTER,K.WILSON | 10/92 | S |
| R1GMPSF | | RIBONUCLEASE SA/2'-GUANOSINE MONOPHOSPHATE(EMBL DATA) | J.SEVCIK,C.HILL,Z.DAUTER,K.WILSON | 10/92 | S |
| R1GMRSF | | RIBONUCLEASE SA/2'-GUANOSINE MONOPHOSPHATE(UCLA DATA) | J.SEVCIK,C.HILL,Z.DAUTER,K.WILSON | 10/92 | S |
| R1DRISF | | D-RIBOSE BINDING PROTEIN | S.L.MOWBRAY,L.B.COLE | 2/92 | S |
| R8RXNSF | | RUBREDOXIN | Z.DAUTER,L.SIEKER,K.WILSON | 8/91 | S |
| R1SASSF | | SARCOPLASMIC CALCIUM-BINDING PROTEIN (ISOTYPE II) | W.J.COOK,Y.S.BABU,J.A.COX | 7/92 | S |
| R1COBSF | | SUPEROXIDE DISMUTASE(CU+2,CO+2) | K.DJINOVIC,A.CODA,L.ANTOLINI,G.PELOSI,A.DESIDERI, M.FALCONI,G.ROTILIO, M.BOLOGNESI | 2/92 | S |
| R1SDYSF | | SUPEROXIDE DISMUTASE(YEAST) | M.BOLOGNESI ET AL. | 6/91 | S |
| R1TRBSF | | THIOREDOXIN REDUCTASE(E.COLI) | J.KURIYAN,T.KRISHNA | 11/91 | S |
| R4TMSSF | * | THYMIDYLATE SYNTHASE | J.FINER-MOORE,R.STROUD | 12/92 | S |
| R1TDMSF | * | THYMIDYLATE SYNTHASE/DEOXYURIDINE MONOPHOSPHATE | J.FINER-MOORE,R.STROUD | 12/92 | S |
| R1TTASF | | TRANSTHYRETIN(FORMERLY PREALBUMIN) | J.A.HAMILTON,L.K.STEINRAUF,B.C.BRADEN | 11/92 | S |
| R1TTBSF | | TRANSTHYRETIN (FORMERLY PREALBUMIN) MUTANT(A109T) | L.K.STEINRAUF,J.A.HAMILTON,B.C.BRADEN | 11/92 | S |
| R1TTCSF | | TRANSTHYRETIN (FORMERLY PREALBUMIN) MUTANT(V30M) | J.A.HAMILTON,L.K.STEINRAUF,B.C.BRADEN | 11/92 | S |
| R3TGLSF | * | TRIACYLGLYCEROL ACYLHYDROLASE | L.BRADY,A.M.BRZOZOWSKI.Z.S.DEREWENDA, E.J.DODSON,G.G.DODSON,S.P.TOLLEY,J.P.TURKENBURG, L.CHRISTIANSEN,H.HUGE-JENSEN,L.NORSKOV,L.THIM | 7/91 | S |
| R4TGLSF | * | TRIACYLGLYCEROL ACYLHYDROLASE/DIETHYLPHOSPHATE | U.DEREWENDA,A.M.BRZOZOWSKI,D.LAWSON, Z.S.DEREWENDA | 7/91 | S |
| R1THGSF | | TRIACYLGLYCEROL LIPASE/HYDROLASE | J.D.SCHRAG,M.CYGLER | 3/93 | S |
| R2TPRSF | | TRYPANOTHIONE REDUCTASE | J.KURIYAN ET AL. | 8/91 | S |
| R1TIESF | | TRYPSIN INHIBITOR(ERYTHRINA CAFFRA) | S.ONESTI,P.BRICK.D.M.BLOW | 9/92 | S |
| R1FANSF | | TRYPSIN INHIBITOR MUTANT(F45A) | A.T.DANISHEFSKY,A.WLODAWER,K.S.KIM,F.TAO, C.WOODWARD | 8/92 | S |
| R1NAGSF | | TRYPSIN INHIBITOR MUTANT(N43G) | A.T.DANISHEFSKY,A.WLODAWER,K.S.KIM,F.TAO, C.WOODWARD | 8/92 | S |
| R1AALSF | | TRYPSIN INHIBITOR MUTANT(C30V,C51A) | C.EIGENBROT ET AL. | 4/92 | S |
| R2TS1SF | | TYROSYL TRNA SYNTHETASE | P.BRICK,T.N.BHAT,D.M.BLOW | 9/92 | S |
| R3TS1SF | | TYROSYL TRNA SYNTHETASE/TYROSINYL ADENYLATE | C.MONTEILHET,P.BRICK,D.M.BLOW | 9/92 | S |
| R4TS1SF | | TYROSYL TRNA SYNTHETASE MUTANT(RESIDUES 318-417 DELETED) | P.BRICK,D.M.BLOW | 9/92 | S |
| R1AARSF | | DI-UBIQUITIN | W.J.COOK ET AL. | 4/92 | S |
| R1AAKSF | | UBIQUITIN CONJUGATING ENZYME | W.J.COOK ET AL. | 4/92 | S |
| R1SHASF | | V-SRC TYROSINE KINASE TRANSFORMING PROTEIN/PHOSPHOPEPTIDE A(TYR-VAL-PRO-LEU-MET) | G.WAKSMAN,D.KOMINOS,S.C.ROBERTSON,N.PANT, D.BALTIMORE,R.B.BIRGE,D.COWBURN,H.HANAFUSA, B.J.MAYER,M.OVERDUIN,M.D.RESH,C.B.RIOS, L.SILVERMAN,J.KURIYAN | 8/92 | S |
| R1SHBSF | | V-SRC TYROSINE KINASE TRANSFORMING PROTEIN/PHOSPHOPEPTIDE B(TYR-LEU-ARG-VAL-ALA) | G.WAKSMAN,D.KOMINOS,S.C.ROBERTSON,N.PANT, D.BALTIMORE,R.B.BIRGE,D.COWBURN,H.HANAFUSA, B.J.MAYER,M.OVERDUIN,M.D.RESH,C.B.RIOS, L.SILVERMAN,J.KURIYAN | 8/92 | S |
| R1MS2SF | | MS2 VIRUS(BACTERIOPHAGE) | K.VALEGARD,L.LILJAS | 5/91 | S |
| R1R1ASF | | RHINOVIRUS 1A | S.KIM,M.G.ROSSMANN | 3/89 | S |
| R1RMUSF | | RHINOVIRUS MUTANT((1)C199Y) | J.BADGER,S.KRISHNASWAMY,M.J.KREMER, M.A.OLIVEIRA, M.G.ROSSMANN,B.A.HEINZ, R.R.RUECKERT,F.J.DUTKO,M.A.MCKINLAY | 10/88 | S |
| R2RMUSF | | RHINOVIRUS MUTANT((1)V188L) | J.BADGER,S.KRISHNASWAMY,M.J.KREMER, M.A.OLIVEIRA, M.G.ROSSMANN,B.A.HEINZ, R.R.RUECKERT,F.J.DUTKO,M.A.MCKINLAY | 10/88 | S |
| R2RR1SF | | RHINOVIRUS/ANTIVIRAL AGENT 1R | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | S |
| R2RS1SF | | RHINOVIRUS/ANTIVIRAL AGENT 1S | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | S |
| R2RM2SF | | RHINOVIRUS/ANTIVIRAL AGENT 2 | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | S |
| R2RS3SF | | RHINOVIRUS/ANTIVIRAL AGENT 3S | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | S |
| R2R04SF | | RHINOVIRUS/ANTIVIRAL AGENT 4 | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | S |
| R2RS5SF | | RHINOVIRUS/ANTIVIRAL AGENT 5S | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | S |
| R2R06SF | | RHINOVIRUS/ANTIVIRAL AGENT 6 | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | S |
| R2R07SF | | RHINOVIRUS/ANTIVIRAL AGENT 7 | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | S |
| R1R08SF | | RHINOVIRUS/ANTIVIRAL AGENT 8 | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | S |
| R1TMFSF | | THEILER'S MURINE ENCEPHALOMYELITIS VIRUS | M.LUO,K.TOTH | 2/92 | S |

* New or replacement entry since January 1993 release

Status Codes:

- A Alpha carbon atoms only
- B Backbone only
- M NMR restraints and other NMR experimental data
- N New entry awaiting approval by depositor
- P In preparation
- R Replacement for entry in Table 3
- S Structure factors

**TABLE 8 - COORDINATE, NMR AND STRUCTURE FACTOR ENTRIES IN PREPARATION - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| R1HGMSF | | HEMAGGLUTININ/ALPHA(2,3)SIALYLLACTOSE(32) | D.WILEY ET AL. | 11/91 | S |
| R1HGNSF | | HEMAGGLUTININ/ALPHA(2,6)SIALYLLACTOSE(2) | D.WILEY ET AL. | 11/91 | S |
| R1HGOSF | | HEMAGGLUTININ/ALPHA(2,6)SIALYLLACTOSE(8) | D.WILEY ET AL. | 11/91 | S |
| R1HGPSF | | HEMAGGLUTININ/ALPHA(2,6)SIALYLLACTOSE(32) | D.WILEY ET AL. | 11/91 | S |
| R1HGQSF | | HEMAGGLUTININ/NEU5AC(ALPHA)2MAC(50MM) | D.WILEY ET AL. | 11/91 | S |
| R1HGRSF | | HEMAGGLUTININ/NEU5AC(ALPHA)2ME(2MM) | D.WILEY ET AL. | 11/91 | S |
| R1HGSSF | | HEMAGGLUTININ/NEU5AC(ALPHA)2ME(100MM) | D.WILEY ET AL. | 11/91 | S |
| R1HCYSF | | HEMOCYANIN(PANULIRUS INTERRUPTUS) | A.VOLBEDA,W.HOL | 5/91 | S |
| R1LLASF | | HEMOCYANIN SUBUNIT II | B.HAZES,W.G.J.HOL | 9/92 | S |
| R1HAMSF | | HEMOGLOBIN(AALBORG) | G.FERMI,M.F.PERUTZ,D.WILLIAMSON,P.STEIN,D.T.B.SHIH | 3/92 | S |
| R1BBBSF | | HEMOGLOBIN A(HUMAN,CARBONMONOXY) | A.ARNONE,M.M.SILVA | 4/92 | S |
| R1BABSF | | HEMOGLOBIN(DEOXY-THIONVILLE) | J.S.KAVANAUGH,A.ARNONE | 5/92 | S |
| R1DXTSF | | HEMOGLOBIN(HUMAN,DEOXY)(EXTRA N-TERM MET) | J.S.KAVANAUGH,A.ARNONE | 5/92 | S |
| R1DXVSF | | HEMOGLOBIN(HUMAN,DEOXY) MUTANT(V1A) | J.S.KAVANAUGH,A.ARNONE | 5/92 | S |
| R1DXUSF | | HEMOGLOBIN(HUMAN,DEOXY) MUTANT(V1M) | J.S.KAVANAUGH,A.ARNONE | 5/92 | S |
| R1HBBSF | | HEMOGLOBIN(LOW SALT) | J.KAVANAUGH,A.ARNONE | 1/92 | S |
| R1PBXSF | | HEMOGLOBIN(PAGOTHENIE BERNACCHII)/CO | G.FERMI | 11/91 | S |
| R1HBASF | | HEMOGLOBIN ROTHSCHILD MUTANT(W37(B)R) | J.KAVANAUGH,A.ARNONE | 1/92 | S |
| R1ITHSF | * | HEMOGLOBIN | M.HACKERT,P.KOLATKAR,S.R.ERNST | 3/92 | S |
| R1PYASF | | PYRUVOYL-DEPENDENT HISTIDINE DECARBOXYLASE (PYRUVOYL-DEPENDENT) | T.GALLAGHER,D.A.ROZWARSKI,S.R.ERNST,M.L.HACKERT | 12/92 | S |
| R1MAMSF | | FAB(MOUSE MONOCLONAL ANTIBODY YST9.1) | D.ROSE | 1/92 | S |
| R6INSSF | | INSULIN(PIG,DES-B30,CROSSLINKED B29-A1) | G.DODSON ET AL. | 3/91 | S |
| R7INSSF | | INSULIN(PORCINE)/M-CRESOL/CLUPEINE Z | F.KORBER ET AL. | 9/91 | S |
| R1MBLSF | | BETA-LACTAMASE MUTANT(E166A) | J.R.KNOX,P.C.MOEWS | 8/92 | S |
| R8LDHSF | | APO-M4-LACTATE DEHYDROGENASE/CITRATE | C.ABAD-ZAPATERO,M.G.ROSSMANN | 1/88 | S |
| R7LDHSF | | LACTATE DEHYDROGENASE COMPLEXES | M.ROSSMANN ET AL. | 1/88 | S |
| R6LDHSF | | APO-M4-LACTATE DEHYDROGENASE(DOGFISH) | C.ABAD-ZAPATERO,M.G.ROSSMANN | 11/87 | S |
| R9LDBSF | | LACTATE DEHYDROGENASE/NADH | C.R.DUNN | 11/91 | S |
| R9LDTSF | | LACTATE DEHYDROGENASE/NADH/OXAMATE | C.R.DUNN | 11/91 | S |
| R1LDMSF | | LACTATE DEHYDROGENASE/NADH/OXAMATE(DOGF) | J.P.GRIFFITH,M.G.ROSSMANN | 11/87 | S |
| R1LDNSF | | LACTATE DEHYDROGENASE/NADH/OXAMATE/F1,6BP | D.WIGLEY ET AL. | 11/91 | S |
| R1LLDSF | | OXIDOREDUCTASE(CHOH (D)-NAD (A))L-LACTATE DEHYDROGENASE MUTANT(C2105)/NADH | S.IWATA,T.OHTA | 6/92 | S |
| R1LFHSF | | LACTOFERRIN(HUMAN MILK,APO) | ANDERSON,BAKER,NORRIS | 9/91 | S |
| R1LPFSF | | LIPOAMIDE DEHYDROGENASE | A.MATTEVI,W.HOL | 10/92 | S |
| R1LZ5SF | * | LYSOZYME MUTANT(4 RESIDUE INSERT) | M.MATSUSHIMA,K.INAKA,T.YAMADA,K.SEKIGUCHI, M.KIKUCHI | 2/93 | S |
| R1LZ6SF | * | LYSOZYME MUTANT(8 RESIDUE INSERT) | M.MATSUSHIMA,K.INAKA,T.YAMADA,K.SEKIGUCHI, M.KIKUCHI | 2/93 | S |
| R1RCMSF | * | LYSOZYME(HEN EGG WHITE,PARTIALLY REDUCED) | C.P.HILL,N.L.JOHNSTON,R.E.COHEN | 1/93 | S |
| R5LYTSF | | LYSOZYME(HEN,100 KELVIN)(R=0.176) | J.C.DEWAN,A.C.M.YOUNG,R.F.TILTON | 3/92 | S |
| R3LYTSF | | LYSOZYME(HEN,100 KELVIN)(R=0.203) | J.C.DEWAN,A.C.M.YOUNG,R.F.TILTON | 3/92 | S |
| R4LYTSF | | LYSOZYME(HEN,298 KELVIN) | J.C.DEWAN,A.C.M.YOUNG,R.F.TILTON | 3/92 | S |
| R6LYTSF | | LYSOZYME(HEN,298 KELVIN) | J.C.DEWAN,A.C.M.YOUNG,R.F.TILTON | 3/92 | S |
| R1LZ3SF | | LYSOZYME(TURKEY) | K.HARATA | 11/91 | S |
| R3LZ2SF | | LYSOZYME(TURKEY) | P.L.HOWELL ET AL. | 9/91 | S |
| R1OMPSF | | D-MALTODEXTRIN-BINDING PROTEIN | A.J.SHARFF,F.A.QUIOCHO | 9/92 | S |
| R2MSBSF | | MANNOSE-BINDING PROTEIN A(LECTIN DOMAIN)/CALCIUM AND MAN6GLCNAC2ASN GLYCOPEPTIDE | W.I.WEIS,W.A.HENDRICKSON | 7/92 | S |
| R2AAHSF | | METHANOL DEHYDROGENASE(METHYLOPHILIS W3A1) | Z.X.XIA,F.S.MATHEWS | 8/92 | S |
| R1MATSF | * | METHIONINE AMINOPEPTIDASE | S.RODERICK,B.MATTHEWS | 12/92 | S |
| R1MYGSF | | MYOGLOBIN(PIG) | S.SMERDON ET AL. | 2/92 | S |
| R1MYHSF | | MYOGLOBIN(PIG) MUTANT(K45R) | S.SMERDON ET AL. | 2/92 | S |
| R1MYISF | | MYOGLOBIN(PIG) MUTANT(K45S) | S.SMERDON ET AL. | 2/92 | S |
| R1MYJSF | | MYOGLOBIN(PIG) MUTANT(V68T) | S.SMERDON ET AL. | 2/92 | S |
| R1SWMSF | | MYOGLOBIN(SPERM WHALE,FERRIC)/AZIDE | M.RIZZI,P.ASCENZI,A.CODA,M.BRUNORI,M.BOLOGNESI | 3/92 | S |
| R2NPXSF | | NADH PEROXIDASE | T.STEHLE,A.CLAIBORNE,G.E.SCHULZ | 5/92 | S |
| R1NPXSF | | NADH PEROXIDASE(NON-NATIVE,OXIDIZED) | G.SCHULZ ET AL. | 8/91 | S |
| R1NPCSF | | NEUTRAL PROTEASE | W.STARK,R.A.PAUPTIT,J.N.JANSONIUS | 1/92 | S |
| R1NCASF | | NEURAMINIDASE N9/NC41 FAB | TULIP,VARGHESE,COLMAN | 1/92 | S |
| R1NCBSF | | NEURAMINIDASE N9 MUTANT(N329D)/NC41 FAB | TULIP,VARGHESE,COLMAN | 1/92 | S |
| R1NCCSF | | NEURAMINIDASE N9 MUTANT(I368R)/NC41 FAB | TULIP,VARGHESE,COLMAN | 1/92 | S |
| R1NCDSF | | NEURAMINIDASE N9(PILOT WHALE)/NC41 FAB | TULIP,VARGHESE,COLMAN | 1/92 | S |
| R2SN3SF | | SCORPION NEUROTOXIN(VARIANT 3) | ZHAO,CARSON,EALICK,BUGG | 2/92 | S |
| R1RROSF | | ONCOMODULIN(RECOMBINANT RAT) | F.R.AHMED,D.R.ROSE,S.V.EVANS,M.E.PIPPY,R.TO | 9/92 | S |
| R1OVBSF | | OVOTRANSFERRIN(18KD FRAGMENT,DOMAIN II FROM N-TERMINAL LOBE) | P.KUSER,P.LINDLEY,R.SARRA | 10/92 | S |
| R1PPNSF | | PAPAIN CYS-25 WITH BOUND ATOM | R.W.PICKERSGILL,G.W.HARRIS,E.GARMAN | 11/91 | S |
| R1PSASF | | PEPSIN/RENIN INHIBITOR | L.CHEN,C.ABAD-ZAPATERO | 10/91 | S |
| R1PGDSF | | 6-PHOSPHOGLUCONATE DEHYDROGENASE(SHEEP) | M.J.ADAMS,S.GOVER,C.PHILLIPS,D.O'N.SOMERS | 8/91 | S |
| R1PHISF | * | PHOSPHOLIPASE A2 MUTANT(F63V) | B.W.DIJKSTRA,M.M.G.M.THUNNISSEN,K.H.KALK, J.DRENTH | 2/93 | S |
| R1CDESF | | PHOSPHORIBOSYLGLYCINAMIDE FORMYLTRANSFERASE | R.J.ALMASSY | 5/92 | S |
| R7PCYSF | | PLASTOCYANIN(ENTEROMORPHA,CU2+) | C.A.COLLYER,J.M.GUSS,H.C.FREEMAN | 9/89 | S |
| R1PLCSF | | PLASTOCYANIN(POPLAR,CU2+) | J.M.GUSS,H.FREEMAN | 3/92 | S |
| R3PORSF | * | PORIN(CRYSTAL FORM A) | M.S.WEISS,G.E.SCHULZ | 11/92 | S |
| R2PORSF | | PORIN(RHODOBACTER CAPSULATUS) | M.WEISS,G.SCHULZ | 4/92 | S |
| R1PDASF | * | PORPHOBILINOGEN DEAMINASE | G.V.LOUIE,P.D.BROWNLINE,R.LAMBERT,J.B.COOPER, T.L.BLUNDELL,S.P.WOOD,M.J.WARREN,S.C.WOODCOCK, P.M.JORDAN | 3/93 | S |
| R1PPOSF | | PROTEASE OMEGA(PAPAYA) | R.PICKERSGILL ET AL. | 7/91 | S |
| R3PRKSF | | PROTEINASE K/METHOXYSUCCINYL-ALA-ALA-PRO-ALA-CHLOROMETHYL KETONE | W.SAENGER ET AL. | 8/91 | S |
| R1Q21SF | | C-H-RAS P21 PROTEIN/GDP | S.-H.KIM | 9/91 | S |
| R2Q21SF | | C-H-RAS P21 PROTEIN MUTANT(G12V)/GDP | S.-H.KIM | 9/91 | S |
| R6RLXSF | | RELAXIN(HUMAN) | C.EIGENBROT ET AL. | 6/91 | S |
| R1RNCSF | | RIBONUCLEASE A(BOVINE)/2',5'-CPG | C.AGUILAR ET AL. | 10/91 | S |

**TABLE 8 - COORDINATE, NMR AND STRUCTURE FACTOR ENTRIES IN PREPARATION - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| R1BIASF | | BIOTIN REPRESSOR | K.P.WILSON,L.M.SHEWCHUK,B.W.MATTHEWS | 7/92 | S |
| R1BIBSF | | BIOTIN REPRESSOR/BIOTINYLATED LYSINE | K.P.WILSON,L.M.SHEWCHUK,B.W.MATTHEWS | 7/92 | S |
| R4ICBSF | | CALBINDIN D9K(BOVINE) | L.A.SVENSSON | 8/91 | S |
| R2SCPSF | | SARCOPLASMIC CALCIUM-BINDING PROTEIN | W.COOK,S.VIJAY-KUMAR | 8/91 | S |
| R1CLLSF | | CALMODULIN(VERTEBRATE RECOMBINANT) | R.CHATTOPADHYAYA,F.A.QUIOCHO | 10/92 | S |
| R1CAHSF | | CARBONIC ANHYDRASE/BICARBONATE | K.HAKANSSON,A.WEHNERT | 6/92 | S |
| R1BICSF | | CARBONIC ANHYDRASE MUTANT(T200H)/BICARBONATE | Y.XUE,J.VIDGREN,L.A.SVENSSON,A.LILJAS, B.H.JONSSON,S.LINDSKOG | 9/92 | S |
| R1CRASF | | CARBONIC ANHYDRASE/1,2,4-TRIAZOLE | S.MANGANI,A.LILJAS | 10/92 | S |
| R1CANSF | | CARBONIC ANHYDRASE/NITRATE | S.MANGANI,K.HAKANSSON | 7/92 | S |
| R4CACSF | | CARBONIC ANHYDRASE II FORM C(PH 6) | M.LINDHAL,D.HABASH,S.HARROP,D.R.HELLIWELL, A.LILJAS | 9/91 | S |
| R5CACSF | | CARBONIC ANHYDRASE II FORM C/HSO3 ANION | M.LINDHAL,D.HABASH,S.HARROP,D.R.HELLIWELL, A.LILJAS | 3/92 | S |
| R1CAOSF | | CARBONIC ANHYDRASE II/HYDROGEN SULFIDE | S.MANGANI,K.HAKANSSON | 7/92 | S |
| R1CAISF | | CARBONIC ANHYDRASE II MUTANT(E106A)/SULFATE | Y.XUE,A.LILJAS,B.H.JONSSON,S.LINDSKOG | 9/92 | S |
| R1CAJSF | | CARBONIC ANHYDRASE II MUTANT(E106D) | Y.XUE,A.LILJAS,B.H.JONSSON,S.LINDSKOG | 9/92 | S |
| R1CAKSF | | CARBONIC ANHYDRASE II MUTANT(E106Q)/SULFATE | Y.XUE,A.LILJAS,B.H.JONSSON,S.LINDSKOG | 9/92 | S |
| R1CALSF | | CARBONIC ANHYDRASE II MUTANT(T199A) | Y.XUE,A.LILJAS,B.H.JONSSON,S.LINDSKOG | 9/92 | S |
| R1CAMSF | | CARBONIC ANHYDRASE II MUTANT(T199A)/BICARBONATE | Y.XUE,A.LILJAS,B.H.JONSSON,S.LINDSKOG | 9/92 | S |
| R1CD8SF | | CD8(HUMAN) | D.J.LEAHY,R.AXEL,W.A.HENDRICKSON | 1/92 | S |
| R1ACBSF | | ALPHA-CHYMOTRYPSIN(BOVINE)/EGLIN C | M.BOLOGNESI ET AL. | 11/91 | S |
| R1CGISF | | ALPHA-CHYMOTRYPSINOGEN A/PSTI VARIANT 3 | H.HECHT ET AL. | 10/91 | S |
| R1CGJSF | | ALPHA-CHYMOTRYPSINOGEN A/PSTI VARIANT 4 | H.HECHT ET AL. | 10/91 | S |
| R1CCDSF | | CLARA CELL 17 KDA PROTEIN(RAT) | T.UMLAND ET AL. | 9/91 | S |
| R4GCRSF | * | CRYSTALLIN GAMMA-B | C.SLINGSBY,S.NAJMUDIN,V.NALINI,H.DRIESSEN, T.BLUNDELL,D.MOSS,P.LINDLEY | 4/92 | S |
| R3GCRSF | | GAMMA-IIIB CRYSTALLIN(BOVINE) | Y.N.CHIRGADZE | 4/91 | S |
| R1CTZSF | * | CYTOCHROME C(ISO 1,REDUCED) MUTANT(Y67F,C102T) | A.M.BERGHUIS,G.D.BRAYER | 2/93 | S |
| R1CTYSF | * | CYTOCHROME C(OXIDIZED) MUTANT(Y67F, C102T) | A.M.BERGHUIS,G.D.BRAYER | 2/93 | S |
| R1CGTSF | | CYCLODEXTRIN GLYCOSYLTRANSFERASE | C.KLEIN,G.E.SCHULZ | 6/92 | S |
| R1CGUSF | | CYCLODEXTRIN GLYCOSYLTRANSFERASE MUTANT(D229A) | C.KLEIN,G.E.SCHULZ,H.BENDER,J.HOLLENDER | 6/92 | S |
| R1YEASF | | CYTOCHROME C(YEAST,ISO-2,REDUCED) | M.MURPHY,G.BRAYER | 10/91 | S |
| R1YEBSF | | CYTOCHROME C(YEAST B-2036 COMPOST,REDCD) | M.MURPHY,G.BRAYER | 10/91 | S |
| R1DTXSF | | ALPHA-DENDROTOXIN | T.SKARZYNSKI | 9/92 | S |
| R1EAASF | * | DIHYDROLIPOAMIDE ACETYLTRANSFERASE(CATALYTIC DOMAIN) | A.MATTEVI,W.G.J.HOL | 12/92 | S |
| R1EADSF | * | DIHYDROLIPOAMIDE ACETYLTRANSFERASE(CATALYTIC DOMAIN)/COA | A.MATTEVI,W.HOL | 12/92 | S |
| R1EACSF | * | DIHYDROLIPOAMIDE ACETYLTRANSFERASE(CATALYTIC DOMAIN)/COA/DTT | A.MATTEVI,W.HOL | 12/92 | S |
| R1EABSF | * | DIHYDROLIPOAMIDE ACETYLTRANSFERASE(CATALYTIC DOMAIN)/COA/ LIPOAMIDE | A.MATTEVI,W.HOL | 12/92 | S |
| R1EAESF | * | DIHYDROLIPOAMIDE ACETYLTRANSFERASE(CATALYTIC DOMAIN)/LIPOAMIDE | A.MATTEVI,W.HOL | 12/92 | S |
| R1EAFSF | * | DIHYDROLIPOAMIDE ACETYLTRANSFERASE(CATALYTIC DOMAIN)/SO2OH | A.MATTEVI,W.HOL | 12/92 | S |
| R1LVLSF | * | DIHYDROLIPOAMIDE DEHYDROGENASE/NAD+ | A.MATTEVI,W.G.J.HOL | 12/92 | S |
| R118DSF | * | DNA(GTGCGCAC) | C.BINGMAN,X.LI,M.SUNDARALINGAM | 2/93 | S |
| R2DESSF | * | DNA(CGTACG)/3'-DESAMINO-(2-METHOXY-4-MORPHOLINYL)-DOXORUBICIN | M.CIRILLI,F.BACHECHI,G.UGHETTO,F.P.COLONNA, M.L.CAPOBIANCO | 3/93 | S |
| R1D67SF | | DNA(TGATCA)/IDARUBICIN | B.GALLOIS,B.LANGLOIS D'ESTAINTOT,T.BROWN, W.N.HUNTER | 3/92 | S |
| R1D55SF | | DNA(GAAGCTTC)/ACTINOMYCIN D | KAMITORI,TAKUSAGAWA | 2/92 | S |
| R1D62SF | | DNA(CCAACITTGG) | A.A.LIPANOV,M.L.KOPKA,M.KACZOR-GRZESKOWIAK, J.QUINTANA,R.E.DICKERSON | 3/92 | S |
| R1D80SF | | DNA(CGCGAATTGGCG) | J.V.SKELLY,K.J.EDWARDS,S.NEIDLE | 6/92 | S |
| R1D89SF | * | DNA(CGCGAAAAAACG)(BROMINATED) | A.DIGABRIELE,T.STEITZ | 7/92 | S |
| R1LTSSF | | HEAT LABILE ENTEROTOXIN (LT); CHOLERA-LIKE TOXIN, AB5 TOXIN | T.K.SIXMA,W.G.J.HOL | 7/92 | S |
| R3FISSF | | FIS | H.S.YUAN,S.E.FINKEL,J.-A.FENG,R.C.JOHNSON, R.E.DICKERSON | 9/91 | S |
| R4FISSF | | FIS MUTANT(R89C) | H.S.YUAN,S.E.FINKEL,J.-A.FENG,R.C.JOHNSON, R.E.DICKERSON | 9/91 | S |
| R1FIASF | | FIS | D.KOSTREWA | 12/91 | S |
| R1FLVSF | | FLAVODOXIN(ANABAENA 7120) | M.SUNDARALINGAM | 7/92 | S |
| R1FBASF | | FRUCTOSE-1,6-BISPHOSPHATE ALDOLASE | G.HESTER,K.PIONTEK,O.BRENNER-HOLZACH | 6/92 | S |
| R1FVDSF | | FV FRAGMENT OF HUMANIZED ANTIBODY 4D5(VERSION 4) | C.EIGENBROT,M.RANDAL,A.A.KOSSIAKOFF | 10/92 | S |
| R1FVESF | | FV FRAGMENT OF HUMANIZED ANTIBODY 4D5(VERSION 7) | C.EIGENBROT,M.RANDAL,A.A.KOSSIAKOFF | 10/92 | S |
| R1FVCSF | | FV FRAGMENT OF HUMANIZED ANTIBODY 4D5(VERSION 8) | C.EIGENBROT,M.RANDAL,A.A.KOSSIAKOFF | 10/92 | S |
| R1GALSF | | GLUCOSE OXIDASE | H.J.HECHT,K.KALISZ,J.HENDLE,R.D.SCHMID, D.SCHOMBURG | 8/92 | S |
| R1AAZSF | | GLUTAREDOXIN | H.EKLUND ET AL. | 4/92 | S |
| R1ABASF | | GLUTAREDOXIN MUTANT(V15G,Y16P) | H.EKLUND ET AL. | 4/92 | S |
| R1GRFSF | * | GLUTATHIONE REDUCTASE(CARBOXAMIDOMETHYLATED) | P.A.KARPLUS,G.E.SCHULZ | 12/92 | S |
| R3GRSSF | * | GLUTATHIONE REDUCTASE(OXIDIZED) | G.E.SCHULZ,P.A.KARPLUS | 12/92 | S |
| R1GRGSF | * | GLUTATHIONE REDUCTASE/BCNU | P.A.KARPLUS,G.E.SCHULZ | 12/92 | S |
| R1GRESF | * | GLUTATHIONE REDUCTASE/GLUTATHIONE(REDUCED) | P.A.KARPLUS,G.E.SCHULZ | 12/92 | S |
| R1GRASF | * | GLUTATHIONE REDUCTASE/GSSG/NADP+ | P.A.KARPLUS,G.E.SCHULZ | 12/92 | S |
| R1GRBSF | * | GLUTATHIONE REDUCTASE/NADH | P.A.KARPLUS,G.E.SCHULZ | 12/92 | S |
| R1GD1SF | | D-GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE(HOLO) | T.SKARZYNSKI,P.C.E.MOODY,A.J.WONACOTT | 9/92 | S |
| R2GD1SF | | APO-GPD(BACILLUS STEAROTHERMOPHILUS) | T.SKARZYNSKI,A.J.WONACOTT | 9/92 | S |
| R1RHGSF | * | GRANULOCYTE COLONY-STIMULATING FACTOR | C.P.HILL,T.D.OSSLUND,D.EISENBERG | 1/93 | S |
| R1GKYSF | | GUANYLATE KINASE/GMP | T.STEHLE,G.SCHULZ | 12/91 | S |
| R1HGDSF | | HEMAGGLUTININ MUTANT(G135(A)R) | D.WILEY ET AL. | 11/91 | S |
| R1HGESF | | HEMAGGLUTININ MUTANT(G135(A)R)/NEU5AC2ME | D.WILEY ET AL. | 11/91 | S |
| R1HGFSF | | HEMAGGLUTININ | D.WILEY ET AL. | 11/91 | S |
| R1HGGSF | | HEMAGGLUTININ/ALPHA(2,3)SIALYLLACTOSE | D.WILEY ET AL. | 11/91 | S |
| R1HGHSF | | HEMAGGLUTININ/NEU5AC(ALPHA)2BAC | D.WILEY ET AL. | 11/91 | S |
| R1HGISF | | HEMAGGLUTININ/4-ACETYL-NEU5AC(ALPHA)2ME | D.WILEY ET AL. | 11/91 | S |
| R1HGJSF | | HEMAGGLUTININ/9-AMINO-NEU5AC(ALPHA)2ME | D.WILEY ET AL. | 11/91 | S |
| R1HGKSF | | HEMAGGLUTININ/ALPHA(2,3)SIALYLLACTOSE(2) | D.WILEY ET AL. | 11/91 | S |
| R1HGLSF | | HEMAGGLUTININ/ALPHA(2,3)SIALYLLACTOSE(8) | D.WILEY ET AL. | 11/91 | S |

**TABLE 8 - COORDINATE, NMR AND STRUCTURE FACTOR ENTRIES IN PREPARATION - APRIL 1993**

| *IDENT CODE* | | *MOLECULE* | *DEPOSITOR(S)* | *DATE* | *STATUS* |
|---|---|---|---|---|---|
| 1ZAA | | ZIF268/DNA(AGCGTGGGCGT) | N.P.PAVLETICH,C.O.PABO | 9/92 | P |
| 5ZNF | | ZINC FINGER(NMR,13 STRUCTURES) | KOCHOYAN,KEUTMANN,WEISS | 8/91 | P |
| 7ZNF | | ZINC FINGER(SWAP,NMR,12 STRUCTURES) | KOCHOYAN,KEUTMANN,WEISS | 8/91 | P |
| 1ZRP | | ZINC-SUBSTITUTED RUBREDOXIN(NMR,40 STRUCTURES) | P.R.BLAKE,J.B.PARK,Z.H.ZHOU,D.R.HARE,M.W.W.ADAMS, M.F.SUMMERS | 7/92 | P |
| 1CLG | | COLLAGEN(3 CHAINS OF 12(G-P-P)) MODEL | J.CHEN | 8/91 | P |
| 2CLG | | COLLAGEN(3 CHAINS OF 12(G-P-HYDRXYPRO) MODEL | J.CHEN | 8/91 | P |
| 4CLG | | COLLAGEN(15 CHAINS OF 12(G-P-HYDRXYPRO)) MODEL | J.CHEN | 8/91 | P |
| 1BBE | | COLLAGEN(3 CHAINS OF 4(G-P-P)) MODEL 1 | G.NEMETHY ET AL. | 4/92 | P |
| 1BBF | | COLLAGEN(3 CHAINS OF 4(G-P-P)) MODEL 2 | G.NEMETHY ET AL. | 4/92 | P |
| 1SCC | | CYTOCHROME P450SCC(BOVINE) MODEL | S.VIJAYAKUMAR,J.SALERNO | 1/92 | P |
| 5ZNA | | DNA(Z(WC),GCGCGCGCGCGCGCGC) MODEL | A.ANSEVIN,A.WANG | 2/91 | P |
| 1D71 | | DNA(NODULE, DOUBLE TRIPLEX) MODEL | D.SPROUS,S.HARVEY | 2/92 | P |
| 1HLH | * | E46 PROTEIN PRODUCT OF THE E2A GENE(HELIX-LOOP-HELIX DOMAIN) MODEL | T.J.GIBSON,J.D.THOMPSON,R.A.ABAGYAN | 12/92 | P |
| 1CDA | | MEMBRANE-BOUND GYLCOPROTEIN CD40/LIGAND MODEL | M.C.PEITSCH,C.V.JONGENEEL | 7/92 | P |
| 1ITA | | INTERLEUKIN-1 ALPHA(HUMAN) MODEL | B.VEERAPANDIAN | 2/92 | P |
| 1IPT | | INTRON(CORE OF GROUP I INTRONS) MODEL | F.MICHEL,E.WESTHOF | 5/91 | P |
| 2PTE | | L-LYSYL-D-ALA-D-ALA/DD PEPTIDASE MODEL | J.KNOX,R.PRATT | 11/90 | P |
| 1VAN | | L-LYSYL-D-ALA-D-ALA/VANCOMYCIN MODEL | J.KNOX,R.PRATT | 11/90 | P |
| 1POM | | C-MYB PROTO-ONCOGENE(DNA-BINDING DOMAIN,REPEAT 3) MODEL | T.J.GIBSON | 11/91 | P |
| 1RRN | | 5S RIBOSOMAL RNA MODEL | WESTHOF,ROMBY,EHRESMANN | 6/91 | P |
| 1SLK | | SILK I(POLY ALA-GLY) MODEL | H.SCHERAGA ET AL. | 10/91 | P |
| 2SLK | | SILK II(POLY ALA-GLY) MODEL | H.SCHERAGA ET AL. | 10/91 | P |
| 1ABA | | GLUTAREDOXIN MUTANT(V15G,Y16P) | H.EKLUND ET AL. | 4/92 | P |
| NMR ENTRIES | | | | | |
| R1ACPMR | | ACYL CARRIER PROTEIN(NMR,2 STRUCTURES) | J.H.PRESTEGARD,Y.KIM | 7/90 | M |
| R1ABDMR | | ACYL COENZYME A BINDING PROTEIN(NMR,20 STRUCTURES) | K.ANDERSEN,F.POULSEN | 3/92 | M |
| R1HOMMR | | ANTENNAPEDIA HOMEODOMAIN(NMR) | K.WUTHRICH ET AL. | 10/91 | M |
| R2HOAMR | | ANTENNAPEDIA PROTEIN (HOMEODOMAIN) MUTANT(C39S) (NMR,20 STRUCTURES) | P.GUNTERT,Y.Q.QIAN,G.OTTING,M.MULLER,W.J.GEHRING, K.WUTHRICH | 4/92 | M |
| R1NBTMR | | BUNGAROTOXIN(NEURONAL)(NMR,12 STRUCTURES) | R.E.OSWALD,M.J.SUTCLIFFE,M.BAMBERGER, R.H.LORING, E.BRASWELL,C.M.DOBSON | 10/91 | M |
| R1CB1MR | | CALBINDIN D9K(PORCINE)(NMR,14 STRUCTURES) | AKKE,DRAKENBERG,CHAZIN | 12/91 | M |
| R2BBMMR | | CALMODULIN/CALMODULIN-BINDING DMN OF RABBIT SKELETAL MYOSIN LT CHAIN KINASE(NMR) | G.M.CLORE,A.BAX,M.IKURA,A.M.GRONENBORN | 7/92 | M |
| R1PBAMR | | CARBOXYPEPTIDASE B(ACTIVATION DOMAIN)(NMR) | K.WUTHRICH ET AL. | 11/91 | M |
| R3CI2MR | | CHYMOTRYPSIN INHIBITOR 2(BARLEY)(NMR) | F.POULSEN | 9/91 | M |
| R2CYSMR | | CYCLOPHILIN/CYCLOSPORIN A(NMR) | K.WUTHRICH ET AL. | 3/92 | M |
| R1BBLMR | | DIHYDROLIPOAMIDE SUCCINYLTRANSFERASE(E3-BINDING) DOMAIN(NMR,MIN.AVE.STRUCTURE) | G.M.CLORE,M.A.ROBIEN,A.M.GRONENBORN | 2/92 | M |
| R1EDPMR | | ENDOTHELIN-1(NMR,MINIMIZED STRUCTURE) | N.H.ANDERSEN,C.CHEN | 12/91 | M |
| R1BBOMR | | HUMAN ENHANCER BINDING PROTEIN MUTANT (C11ABU)(NMR,60 STRUCTURES) | G.M.CLORE,J.G.OMICHINSKI,A.M.GRONENBORN | 5/92 | M |
| R1EGFMR | | EPIDERMAL GROWTH FACTOR(NMR,32 STRUCTURES) | G.T.MONTELIONE,K.WUETHRICH,A.W.BURGESS, E.C.NICE,G.WAGNER,K.D.GIBSON,H.A.SCHERAGA | 10/91 | M |
| R1EPHMR | | EPIDERMAL GROWTH FACTOR(NMR,10 STRUCTURES) | D.KOHDA,F.INAGAKI | 3/92 | M |
| R1EPJMR | | EPIDERMAL GROWTH FACTOR(NMR,5 STRUCTURES) | D.KOHDA,F.INAGAKI | 3/92 | M |
| R1EGOMR | | GLUTAREDOXIN(OXIDIZED)(NMR,20 STRUCTURES) | T.-H.XIA,J.H.BUSHWELLER,P.SODANO, M.BILLETER,O.BJORNBERG,A.HOLMGREN,K.WUTHRICH | 10/91 | M |
| R1EGRMR | | GLUTAREDOXIN(REDUCED)(NMR,20 STRUCTURES) | P.SODANO,T.-H.XIA,J.H.BUSHWELLER,O.BJORNBERG, A.HOLMGREN,M.BILLETER,K.WUTHRICH | 10/91 | M |
| R1HICMR | | HIRUDIN VARIANT 1(NMR,20 STRUCTURES) | T.SZYPERSKI,P.GUNTERT,S.R.STONE,K.WUTHRICH | 4/92 | M |
| R1HIUMR | | INSULIN(HUMAN)(NMR,11 STRUCTURES) | Q.X.HUA,S.E.SHOELSON,M.KOCHOYAN,M.A.WEISS | 2/92 | M |
| R1HISMR | | INSULIN(HUMAN) DES-PENTAPEPTIDE(NMR,15 STRUCTURES) | Q.X.HUA,M.KOCHOYAN,M.A.WEISS | 2/92 | M |
| R1HITMR | | INSULIN(HUMAN) MUTANT(F24G)(NMR,9 STRUCTURES) | Q.X.HUA,M.KOCHOYAN,M.A.WEISS | 2/92 | M |
| R1ITIMR | * | INTERLEUKIN 4(HUMAN) | G.M.CLORE,B.POWERS,D.S.GARRETT,A.M.GRONENBORN | 4/93 | M |
| R1BBNMR | | INTERLEUKIN 4(NMR,23 STRUCTURES) | G.M.CLORE,B.POWERS,D.S.GARRETT,A.M.GRONENBORN | 5/92 | M |
| R1KSTMR | | KISTRIN(NMR) | M.ADLER,R.A.LAZARUS,M.S.DENNIS,G.WAGNER | 9/91 | M |
| R1ZTAMR | | LEUCINE ZIPPER(GCN4 TAP)(NMR) | A.PASTORE ET AL. | 10/90 | M |
| R1HWAMR | | LYSOZYME(NMR,1 STRUCTURE) | L.J.SMITH,M.J.SUTCLIFFE,C.REDFIELD,C.M.DOBSON | 8/92 | M |
| R1NTXMR | | ALPHA-NEUROTOXIN(NMR,20 STRUCTURES) | L.R.BROWN,K.WUTHRICH | 4/92 | M |
| R1PDCMR | | PDC-109 TYPE II B-DOMAIN(NMR) | M.LLINAS,K.L.CONSTANTINE,L.PATTHY | 10/91 | M |
| R1PK2MR | | PLASMINOGEN ACTIVATOR(KRINGLE 2 DOMAIN)(NMR) | M.LLINAS,I.BYEON | 9/91 | M |
| R9PCYMR | | PLASTOCYANIN(REDUCED FORM)(NMR,16 STRUCTURES) | J.M.MOORE,C.A.LEPRE,G.P.GIPPERT,W.J.CHAZIN, D.A.CASE,P.E.WRIGHT | 3/91 | M |
| R1PRAMR | | REPRESSOR PROTEIN(DNA-BINDING DOMAIN)(PHAGE 434) (NMR,20 STRUCTURES) | D.NERI,M.BILLETER,K.WUTHRICH | 11/91 | M |
| R1RPPMR | | ROP(COL E1)(NMR) | W.EBERLE ET AL. | 10/91 | M |
| R1GPTMR | | GAMMA-1-H THIONIN(NMR,8 STRUCTURES) | M.BRUIX,M.A.JIMENEZ,J.SANTORO,C.GONZALEZ, F.J.COLILLA,E.MENDEZ,M.RICO | 7/92 | M |
| R1GPSMR | | GAMMA-1-P THIONIN(NMR,8 STRUCTURES) | M.BRUIX,M.A.JIMENEZ,J.SANTORO,C.GONZALEZ, F.J.COLILLA,E.MENDEZ,M.RICO | 7/92 | M |
| R1PITMR | | TRYPSIN INHIBITOR(NMR,20 STRUCTURES) | K.BERNDT,P.GUNTERT,L.P.M.ORBONS,K.WUTHRICH | 4/92 | M |
| STRUCTURE FACTOR ENTRIES | | | | | |
| R2AAASF | | ACID ALPHA-AMYLASE(ASPERGILLUS NIGER) | G.DODSON ET AL. | 2/91 | S |
| R1ALBSF | | ADIPOCYTE LIPID-BINDING PROTEIN | Z.XU,L.J.BANASZAK | 9/92 | S |
| R1AKESF | | ADENYLATE KINASE/INHIBITOR AP5A | C.W.MUELLER,G.E.SCHULZ | 11/91 | S |
| R1CWGSF | | WHEAT GERM AGGLUTININ(ISOLECTIN 1)/T-5 | C.WRIGHT | 2/92 | |
| R1ACHSF | | ALPHA 1-ANTICHYMOTRYPSIN | U.BAUMANN,R.HUBER,W.BODE,D.GROSSE,M.LESJAK, C.B.LAUREL | 1/91 | S |
| R2ECASF | * | L-ASPARAGINASE(TYPE II) | A.L.SWAIN,M.JASKOLSKI,D.HONSSET,J.K.RAO, A.WLODAWER | 1/93 | S |

**TABLE 8 - COORDINATE, NMR AND STRUCTURE FACTOR ENTRIES IN PREPARATION - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 1THA | | TRANSTHYRETIN(HUMAN THYROID)/(3,3'-T2) | A.WOJTCZAK,J.LUFT,V.CODY | 11/91 | P |
| 1THC | | TRANSTHYRETIN/3',5'-DIBROMOAURONE | E.CISZAK,V.CODY,J.LUFT | 4/92 | P |
| 1TLM | * | TRANSTHYRETIN/MILRINONE | A.WOJTCZAK,J.LUFT,V.CODY | 12/92 | P |
| 3TGL | | TRIACYLGLYCEROL ACYLHYDROLASE | L.BRADY,A.M.BRZOZOWSKI.Z.S.DEREWENDA, E.J.DODSON,G.G.DODSON,S.P.TOLLEY,J.P.TURKENBURG, L.CHRISTIANSEN,H.HUGE-JENSEN,L.NORSKOV,L.THIM | 7/91 | P |
| 4TGL | | TRIACYLGLYCEROL ACYLHYDROLASE/DIETHYLPHOSPHATE | U.DEREWENDA,A.M.BRZOZOWSKI,D.LAWSON, Z.S.DEREWENDA | 7/91 | P |
| 1THG | | TRIACYLGLYCEROL LIPASE/HYDROLASE | J.D.SCHRAG,M.CYGLER | 7/92 | P |
| 5TGL | | TRIACYLGLYCEROL LIPASE/INHIBITOR | VANDIEPEN,DEREWENDA ET AL. | 10/91 | P |
| 1TMD | | TRIMETHYLAMINE DEHYDROGENASE | F.S.MATHEWS,L.LIM,S.WHITE | 1/92 | P |
| 1TRE | | TRIOSEPHOSPHATE ISOMERASE(ESCHERICHIA COLI) | M.E.M.NOBLE,R.K.WIERENGA | 10/92 | P |
| 1TSI | * | TRIOSEPHOSPHATE ISOMERASE/N-HYDROXY-4-PHOSPHONO-BUTANAMIDE | C.L.M.J.VERLINDE | 11/92 | P |
| 1TRD | | TRIOSEPHOSPHATE ISOMERASE 1(TRYPANOSOMA BRUCEI BRUCEI) | M.E.M.NOBLE,R.K.WIERENGA | 10/92 | P |
| 7TIM | | TRIOSEPHOSPHATE ISOMERASE/PHOSPHOGLYCOLOHYDROXAMATE | R.C.DAVENPORT,P.A.BASH,B.A.SEATON,M.KARPLUS, G.A.PETSKO,D.RINGE | 4/91 | P |
| 1CTA | * | TROPONIN C SITE III HOMODIMER | G.S.SHAW,B.D.SYKES | 11/92 | P |
| 1TYP | | TRYPANOTHIONE REDUCTASE(CRITHIDIA FASCICULATA WTC HS6) | S.BAILEY,W.N.HUNTER | 6/92 | P |
| 2TPR | | TRYPANOTHIONE REDUCTASE | J.KURIYAN ET AL. | 8/91 | P |
| 1GBT | | TRYPSIN(GUANIDINOBENZOYL) | R.SWEET ET AL. | 9/91 | P |
| 1PPC | | TRYPSIN(BOVINE)/NAPAP | W.BODE,D.TURK | 10/91 | P |
| 1PPH | | TRYPSIN(BOVINE)/3TAPAP | W.BODE,D.TURK | 10/91 | P |
| 1PPE | | TRYPSIN(BOVINE)/CMTI-I | W.BODE,R.HUBER | 10/91 | P |
| 1PIT | | TRYPSIN INHIBITOR(NMR,20 STRUCTURES) | K.BERNDT,P.GUNTERT,L.P.M.ORBONS,K.WUTHRICH | 4/92 | P |
| 1SHP | * | TRYPSIN INHIBITOR(NMR,20 STRUCTURES) | W.ANTUCH,K.BERNDT,M.CHAVEZ,J.DELFIN,K.WUTHRICH | 11/92 | P |
| 1BTI | | TRYPSIN INHIBITOR(BOVINE,PANCREAS) MUTANT(F22A) | A.WLODAWER ET AL. | 7/91 | P |
| 1FAN | | TRYPSIN INHIBITOR(BOVINE,PANCREAS) MUTANT(F45A) | A.T.DANISHEFSKY,A.WLODAWER,K.S.KIM,F.TAO, C.WOODWARD | 8/92 | P |
| 1NAG | | TRYPSIN INHIBITOR(BOVINE,PANCREAS) MUTANT(N43G) | A.T.DANISHEFSKY,A.WLODAWER,K.S.KIM,F.TAO, C.WOODWARD | 8/92 | P |
| 1BPU | | TRYPSIN INHIBITOR(BOVINE,PANCREAS) MUTANT(N43G) | A.DANISHEFSKY,A.WLODAWER,F.TAO,K.-S.KIM, C.WOODWARD | 3/92 | P |
| 1AAL | | TRYPSIN INHIBITOR MUTANT(C30V,C51A) | C.EIGENBROT ET AL. | 4/92 | P |
| 1BBI | | TRYPSIN/CHYMOTRYPSIN BOWMAN-BIRK INHIBITOR(NMR,AVERAGE) | M.H.WERNER,D.E.WEMMER | 9/91 | P |
| 2BBI | | TRYPSIN/CHYMOTRYPSIN BOWMAN-BIRK INHIBITOR(NMR,16 STRUCTURES) | M.H.WERNER,D.E.WEMMER | 9/92 | P |
| 1HPT | | PANCREATIC SECRETORY TRYPSIN INHIBITOR VARIANT 3 | H.J.HECHT,M.SZARDENINGS,J.COLLINS,D.SCHOMBURG | 3/92 | P |
| 1TUN | * | TUMOR NECROSIS FACTOR-ALPHA MUTANT(A84V) | P.SALUDJIAN,T.PRANGE | 12/92 | P |
| 1TYA | | TYROSYL TRNA SYNTHETASE MUTANT(T51A) | K.A.BROWN,P.DE MEESTER,D.M.BLOW | 7/92 | P |
| 1TYB | | TYROSYL TRNA SYNTHETASE MUTANT(T51G) | K.A.BROWN,P.DE MEESTER,D.M.BLOW | 7/92 | P |
| 1TYC | | TYROSYL TRNA SYNTHETASE MUTANT(T51P) | K.A.BROWN,P.BRICK,P.DE MEESTER,D.M.BLOW | 7/92 | P |
| 1TPL | * | TYROSINE PHENOL-LYASE | A.ANTSON,T.DEMIDKINA,Z.DAUTER,E.HARUTYUNYAN, K.WILSON | 11/92 | P |
| 1TYD | | TYROSYL TRNA SYNTHETASE MUTANT(T51S) | K.A.BROWN,P.DE MEESTER,D.M.BLOW | 7/92 | P |
| 1TRO | * | TRP REPRESSOR/OPERATOR | Z.OTWINOWSKI,R.G.ZHANG,P.B.SIGLER | 8/92 | P |
| 1NRC | | SMALL NUCLEAR RIBONUCLEOPROTEIN MUTANT(Q85C) | K.NAGAI,P.EVANS | 3/92 | P |
| 1AAR | | DI-UBIQUITIN | W.J.COOK ET AL. | 4/92 | P |
| 1AAK | | UBIQUITIN CONJUGATING ENZYME | W.J.COOK ET AL. | 4/92 | P |
| 1UDP | | URIDINE DIPHOSPHOGALACTOSE-4-EPIMERASE | H.M.HOLDEN,P.A.FREY,I.RAYMENT | 7/92 | P |
| 1MUP | | MAJOR URINARY PROTEIN/2-(SEC-BUTYL)THIAZOLINE | Z.BOCSKEI,D.R.FLOWER,C.R.GROOM,S.E.V.PHILLIPS, A.C.T.NORTH | 9/92 | P |
| 1BOV | | VEROTOXIN-1(B SUBUNIT)(E.COLI) | P.STEIN ET AL. | 10/91 | P |
| 1SHA | | V-SRC TYROSINE KINASE TRANSFORMING PROTEIN/PHOSPHOPEPTIDE A(TYR-VAL-PRO-LEU-MET) | G.WAKSMAN,D.KOMINOS,S.C.ROBERTSON,N.PANT, D.BALTIMORE,R.B.BIRGE,D.COWBURN,H.HANAFUSA, B.J.MAYER,M.OVERDUIN,M.D.RESH,C.B.RIOS, L.SILVERMAN,J.KURIYAN | 8/92 | P |
| 1SHB | | V-SRC TYROSINE KINASE TRANSFORMING PROTEIN/PHOSPHOPEPTIDE B(TYR-LEU-ARG-VAL-ALA) | G.WAKSMAN,D.KOMINOS,S.C.ROBERTSON,N.PANT, D.BALTIMORE,R.B.BIRGE,D.COWBURN,H.HANAFUSA, B.J.MAYER,M.OVERDUIN,M.D.RESH,C.B.RIOS, L.SILVERMAN,J.KURIYAN | 8/92 | P |
| 1BBT | | FOOT AND MOUTH DISEASE VIRUS | K.R.ACHARYA,E.E.FRY,D.T.LOGAN,D.I.STUART | 5/92 | P |
| 1MEC | | MENGO VIRUS(LOW PH) | M.ROSSMANN | 1/92 | P |
| 1VAB | | MHC CLASS I H-2K\UB\D AND SENDAI VIRUS | D.H.FREMONT,I.A.WILSON | 7/92 | P |
| 1VAA | | MHC CLASS I H-2K\UB\D AND VESICULAR STOMATITIS VIRUS | D.H.FREMONT,I.A.WILSON | 7/92 | P |
| 1MS2 | | MS2 VIRUS(BACTERIOPHAGE) | K.VALEGARD,L.LILJAS | 5/91 | P |
| 1CAS | * | PARVOVIRUS(CANINE) CAPSID(STRAIN D, VIRAL PROTEIN 2) | H.WU,M.G.ROSSMANN | 1/93 | P |
| 1HRI | | RHINOVIRUS 14(HUMAN)/ANTIVIRAL AGENT SCH 38057 | A.ZHANG,R.G.NANNI,E.ARNOLD | 10/92 | P |
| 1SNW | | SINDBIS VIRUS CAPSID PROTEIN(MONOCLINIC) | L.TONG,M.G.ROSSMANN | 7/92 | P |
| 2SNV | | SINDBIS VIRUS CAPSID PROTEIN(TETRAGONAL) | L.TONG,M.ROSSMANN | 7/92 | P |
| 1TME | | THEILER'S MURINE ENCEPHALOMYELITIS VIRUS | R.GRANT,D.FILMAN,J.HOGLE | 1/92 | P |
| 1TMF | | THEILER'S MURINE ENCEPHALOMYELITIS VIRUS | M.LUO,K.TOTH | 2/92 | P |
| 1VTM | | VIRUS(TOBACCO MOSAIC, U2 STRAIN) | G.STUBBS,R.PATTANAYEK | 3/92 | P |
| 1XLA | | D-XYLOSE ISOMERASE(APO FORM) | C.A.COLLYER,K.HENRICK,D.M.BLOW | 10/91 | P |
| 1XLB | | D-XYLOSE ISOMERASE/MAGNESIUM | C.A.COLLYER,K.HENRICK,D.M.BLOW | 10/91 | P |
| 1XLC | | D-XYLOSE ISOMERASE/D-XYLOSE/XYLULOSE/MAGNESIUM | C.A.COLLYER,K.HENRICK,D.M.BLOW | 10/91 | P |
| 1XLD | | D-XYLOSE ISOMERASE/D-XYLOSE/XYLULOSE/MANGANESE | C.A.COLLYER,K.HENRICK,D.M.BLOW | 10/91 | P |
| 1XLE | | D-XYLOSE ISOMERASE/XYLITOL/MANGANESE | C.A.COLLYER,K.HENRICK,D.M.BLOW | 10/91 | P |
| 1XLF | | D-XYLOSE ISOMERASE/GLUCONATE/MANGANESE | C.A.COLLYER,K.HENRICK,D.M.BLOW | 10/91 | P |
| 1XLG | | D-XYLOSE ISOMERASE/D-XYLOSE/XYLULOSE/MAGNESIUM/ALUMINUM | C.A.COLLYER,K.HENRICK,D.M.BLOW | 10/91 | P |
| 1XLH | | D-XYLOSE ISOMERASE/ALUMINUM | C.A.COLLYER,K.HENRICK,D.M.BLOW | 10/91 | P |
| 1XLI | | D-XYLOSE ISOMERASE/MANGANESE/THIOGLUCOSE | C.A.COLLYER,K.HENRICK,D.M.BLOW | 10/91 | P |
| 1XLJ | | D-XYLOSE ISOMERASE/XYLITOL/MANGANESE | C.A.COLLYER,K.HENRICK,D.M.BLOW | 10/91 | P |
| 1XLK | | D-XYLOSE ISOMERASE/MANGANESE | C.A.COLLYER,K.HENRICK,D.M.BLOW | 10/91 | P |
| 1XLL | | D-XYLOSE ISOMERASE/ZINC | C.A.COLLYER,K.HENRICK,D.M.BLOW | 10/91 | P |
| 1DIE | | D-XYLOSE ISOMERASE/1-DEOXY-NOJIRIMYCIN | C.A.COLLYER,H.VIEHMANN,J.D.GOLDBERG,D.M.BLOW | 6/92 | P |
| 1DID | | D-XYLOSE ISOMERASE/2,5-DIDEOXY-2,5-IMINO-D-GLUCITOL | C.A.COLLYER,J.D.GOLDBERG,D.M.BLOW | 6/92 | P |
| 4XIM | | D-XYLOSE ISOMERASE/CO | J.JANIN ET AL. | 3/92 | P |
| 5XIM | | D-XYLOSE ISOMERASE SORBITOL-MG | J.JANIN ET AL. | 3/92 | P |

**TABLE 8 - COORDINATE, NMR AND STRUCTURE FACTOR ENTRIES IN PREPARATION - APRIL 1993**

| *IDENT CODE* | | *MOLECULE* | *DEPOSITOR(S)* | *DATE* | *STATUS* |
|---|---|---|---|---|---|
| 1RND | | RIBONUCLEASE A(BOVINE)/3',5'-DCPDG | C.AGUILAR ET AL. | 10/91 | P |
| 2AAU | * | RIBONUCLEASE A(NMR,16 STRUCTURES) | J.SANTORO,C.GONZALEZ,M.BRUIX,J.L.NEIRA,J.L.NIETO, J.HERRANZ,M.RICO | 11/92 | P |
| 1RTA | | RIBONUCLEASE A/THYMIDYLIC ACID TETRAMER | D.L.BIRDSALL,A.MCPHERSON | 8/92 | P |
| 1FUS | * | RIBONUCLEASE F1 | K.KATAYANAGI,D.G.VASSYLYEV,K.ISHIKAWA,K.MORIKAWA | 1/93 | P |
| 1FUT | * | RIBONUCLEASE F1/GUANOSINE-2'-MONOPHOSPHATE | K.KATAYANAGI,D.G.VASSYLYEV,K.ISHIKAWA,K.MORIKAWA | 1/93 | P |
| 1RIL | * | RIBONUCLEASE H | K.ISHIKAWA,M.OKUMURA,K.KATAYANAGI,S.KIMURA, S.KANAYA,H.NAKAMURA,K.MORIKAWA | 1/93 | P |
| 2RN2 | | RIBONUCLEASE H(ESCHERICHIA COLI) | K.KATAYANAGI ET AL. | 4/92 | P |
| 2RNS | | RIBONUCLEASE S(PH 4.75) | WYCKOFF,RICHARDS ET AL. | 2/92 | RP |
| 1RNU | | RIBONUCLEASE S(PH 5.5) | WYCKOFF,RICHARDS ET AL. | 2/92 | P |
| 1RNV | | RIBONUCLEASE S(PH 4.75,TRUNCATED S PEPTIDE) | WYCKOFF,RICHARDS ET AL. | 2/92 | P |
| 1RBC | | RIBONUCLEASE S MUTANT(M13A) | R.VARADARAJAN,F.M.RICHARDS | 6/92 | P |
| 1RBD | | RIBONUCLEASE S MUTANT(M13ABA) | R.VARADARAJAN,F.M.RICHARDS | 6/92 | P |
| 1RBE | | RIBONUCLEASE S MUTANT(M13F) | R.VARADARAJAN,F.M.RICHARDS | 6/92 | P |
| 1RBF | | RIBONUCLEASE S MUTANT(M13G) | R.VARADARAJAN,F.M.RICHARDS | 6/92 | P |
| 1RBG | | RIBONUCLEASE S MUTANT(M13I) | R.VARADARAJAN,F.M.RICHARDS | 6/92 | P |
| 1RBH | | RIBONUCLEASE S MUTANT(M13L) | R.VARADARAJAN,F.M.RICHARDS | 6/92 | P |
| 1RBI | | RIBONUCLEASE S MUTANT(M13V) | R.VARADARAJAN,F.M.RICHARDS | 6/92 | P |
| 1GMP | | RIBONUCLEASE SA/2'-GUANOSINE MONOPHOSPHATE(EMBL DATA) | J.SEVCIK,C.HILL,Z.DAUTER,K.WILSON | 10/92 | P |
| 1GMQ | | RIBONUCLEASE SA/2'-GUANOSINE MONOPHOSPHATE | J.SEVCIK,C.HILL,Z.DAUTER,K.WILSON | 10/92 | P |
| 1GMR | | RIBONUCLEASE SA/2'-GUANOSINE MONOPHOSPHATE(UCLA DATA) | J.SEVCIK,C.HILL,Z.DAUTER,K.WILSON | 10/92 | P |
| 1RN1 | | RIBONUCLEASE T1(GLN 25) | R.ARNI ET AL. | 11/91 | P |
| 2AAD | | RIBONUCLEASE T1 MUTANT(H40K)/GUANYLIC ACID | I.ZEGERS,P.VERHELST,C.W.CHOE,J.STEYAERT, U.HEINEMANN,L.WYNS,W.SAENGER | 9/92 | P |
| 2AAE | | RIBONUCLEASE T1 MUTANT(H40K)/ISOZYME PHOSPHATE | I.ZEGERS,P.VERHELST,C.W.CHOE,J.STEYAERT, U.HEINEMANN,L.WYNS,W.SAENGER | 9/92 | P |
| 1DRI | | D-RIBOSE BINDING PROTEIN | S.L.MOWBRAY,L.B.COLE | 2/92 | P |
| 1AAI | | RICIN(CASTOR PLANT) | J.ROBERTUS ET AL. | 4/92 | P |
| 1RTC | | RICIN A CHAIN(CASTOR PLANT) | D.MLSNA,A.F.MONZINGO,B.J.KATZIN,S.ERNST, J.D.ROBERTUS | 10/92 | P |
| 1APG | | RICIN A CHAIN(CASTOR PLANT)/ADENYL(3'-->5')GUANOSINE | A.F.MONZINGO,J.D.ROBERTUS | 6/92 | P |
| 1FMP | | RICIN A CHAIN(CASTOR PLANT)/FORMYCIN 5'-MONOPHOSPHATE | A.F.MONZINGO,J.D.ROBERTUS | 6/92 | P |
| 1D96 | * | RNA(GCG)-D(TATACGC) | A.H.-J.WANG,S.FUJII,J.H.VAN BOOM,G.A.VAN DER MAREL, S.A.A.VAN BOECKEL,A.RICH | 11/92 | P |
| 1RPP | | ROP(COL E1)(NMR) | W.EBERLE ET AL. | 10/91 | P |
| 1RPR | | ROP(COL E1)(NMR,10 STRUCTURES) | W.EBERLE ET AL. | 10/91 | P |
| 1RBA | | RUBISCO(RIBULOSE-1,5-BISPHOSPHATE CARBOXYLASE/OXYGENASE) MUTANT(D193N) | G.SCHNEIDER,E.SODERLIND | 11/91 | P |
| 8RXN | | RUBREDOXIN | Z.DAUTER,L.SIEKER,K.WILSON | 8/91 | P |
| 1CAA | | RUBREDOXIN(PYROCOCCUS FURIOSUS)(OXIDIZED) | M.W.DAY,B.T.HSU,L.JOSHUA-TOR,J.B.PARK,Z.H.ZHOU, M.W.W.ADAMS,D.C.REES | 5/92 | P |
| 1CAD | | RUBREDOXIN(PYROCOCCUS FURIOSUS)(REDUCED) | M.W.DAY,B.T.HSU,L.JOSHUA-TOR,J.B.PARK,Z.H.ZHOU, M.W.W.ADAMS,D.C.REES | 5/92 | P |
| 1SAS | | SARCOPLASMIC CALCIUM-BINDING PROTEIN (ISOTYPE II) | W.J.COOK,Y.S.BABU,J.A.COX | 7/92 | P |
| 1PTS | | STREPTAVIDIN/PEPTIDE (FSHPQNT) | DUPONT PROTEIN CRYSTALLOGRAPHY | 7/92 | P |
| 1SUB | | SUBTILISIN BPN'CRB-S3 MUTANT(N218S,S221C) | T.GALLAGHER,P.BRYAN,G.L.GILLILAND | 6/92 | P |
| 1SUC | | SUBTILISIN BPN'CRB-S3 MUTANT(N218S,S221C,M50F,Y217K) | T.GALLAGHER,P.BRYAN,G.L.GILLILAND | 6/92 | P |
| 1SUD | | SUBTILISIN BPN'CRB-S3 MUTANT(M50F,Y217K,N218S,S221C) | T.GALLAGHER,P.BRYAN,G.L.GILLILAND | 6/92 | P |
| 3SIC | | SUBTILISIN BPN'/SSI MUTANT(M73K) | Y.MITSUI ET AL. | 8/91 | P |
| 5SIC | | SUBTILISIN BPN'/SSI MUTANT(M70G,M73K) | MITSUI,TAKEUCHI,NAKAMURA | 11/91 | P |
| 1SBN | | SUBTILISIN NOVO/EGLIN C MUTANT(L45R) | GRUETTER,HEINZ,PRIESTLE | 12/91 | P |
| 1ABG | * | SULFATE-BINDING PROTEIN/SULFATE | J.S.SACK,F.A.QUIOCHO | 4/92 | P |
| 1COB | | SUPEROXIDE DISMUTASE(CU+2,CO+2) | K.DJINOVIC,A.CODA,L.ANTOLINI,G.PELOSI,A.DESIDERI, M.FALCONI,G.ROTILIO, M.BOLOGNESI | 2/92 | P |
| 1SDA | * | SUPEROXIDE DISMUTASE(CU,ZN)NITRATED AT TYR 108 | C.D.SMITH,M.CARSON,M.VAN DER WOERD,J.CHEN, H.ISCHIROPOULOS,J.S.BECKMAN | 1/93 | P |
| 1MSD | * | SUPEROXIDE DISMUTASE(MANGANESE) | J.SUSSMAN | 11/92 | P |
| 1SDY | | SUPEROXIDE DISMUTASE(YEAST) | M.BOLOGNESI ET AL. | 6/91 | P |
| 1ABM | | SUPEROXIDE DISMUTASE(MANGANESE,HUMAN KIDNEY) | G.E.O.BORGSTAHL,H.E.PARGE,J.A.TAINER | 8/92 | P |
| 1TLK | | TELOKIN(TURKEY) | I.RAYMENT | 7/92 | P |
| 1THM | | THERMITASE(THERMOACTINOMYCES VULGARIS) | A.TEPLYAKOV ET AL. | 2/92 | P |
| 1GPT | | GAMMA-1-H THIONIN(NMR,8 STRUCTURES) | M.BRUIX,M.A.JIMENEZ,J.SANTORO,C.GONZALEZ, F.J.COLILLA,E.MENDEZ,M.RICO | 7/92 | P |
| 1GPS | | GAMMA-1-P THIONIN(NMR,8 STRUCTURES) | M.BRUIX,M.A.JIMENEZ,J.SANTORO,C.GONZALEZ, F.J.COLILLA,E.MENDEZ,M.RICO | 7/92 | P |
| 1THO | * | THIOREDOXIN MUTANT(33R34) | M.NIKKOLA,K.LANGSETMO,J.A.FUCHS,H.EKLUND | 1/93 | P |
| 1TRB | | THIOREDOXIN REDUCTASE(E.COLI) | J.KURIYAN,T.KRISHNA | 11/91 | P |
| 1HAT | * | ALPHA-THROMBIN/PEPTIDOMIMETIC INHIBITOR | T.-P.WU,A.TULINSKY | 2/93 | P |
| 1DWB | | THROMBIN(HUMAN)/BENZAMIDINE | D.W.BANNER,P.HADVARY | 8/92 | P |
| 1DWC | | THROMBIN(HUMAN)/MD-805 | D.W.BANNER,P.HADVARY | 8/92 | P |
| 1DWD | | THROMBIN(HUMAN)/NAPAP | D.W.BANNER,P.HADVARY | 8/92 | P |
| 1DWE | | THROMBIN(HUMAN)/PPACK | D.W.BANNER,P.HADVARY | 8/92 | P |
| 1PPB | | THROMBIN(HUMAN)/PPACK | W.BODE | 10/91 | P |
| 2BBQ | | THYMIDYLATE SYNTHASE/DUMP/POLYGLUTAMYL CB3717 | A.KAMB,J.FINER-MOORE,R.M.STROUD | 9/92 | P |
| 1TDM | * | THYMIDYLATE SYNTHASE/DEOXYURIDINE MONOPHOSPHATE | J.FINER-MOORE,R.STROUD | 12/92 | P |
| 1TDA | * | THYMIDYLATE SYNTHASE MUTANT(V316 DELETE) | K.PERRY | 2/93 | P |
| 2TDD | * | THYMIDYLATE SYNTHASE MUTANT(V316 DELETE)COMPLEX | K.PERRY | 4/93 | P |
| 1TDB | * | THYMIDYLATE SYNTHASE MUTANT(V316 DELETE)/ FLUORO-2'-DEOXYURIDINE-5'-MONOPHOSPHATE | K.PERRY | 2/93 | P |
| 1TDC | * | THYMIDYLATE SYNTHASE MUTANT(V316 DELETE)/ 2'-DEOXYURIDINE-5'MONOPHOSPHATE | K.PERRY | 2/93 | P |
| 1TFG | | TRANSFORMING GROWTH FACTOR BETA2 | M.GRUETTER,M.SCHLUNEGGER | 11/92 | P |
| 1TGI | | TRANSFORMING GROWTH FACTOR BETA 2 | S.DAOPIN,D.R.DAVIES | 7/92 | P |
| 1TTA | | TRANSTHYRETIN(FORMERLY PREALBUMIN) | J.A.HAMILTON,L.K.STEINRAUF,B.C.BRADEN | 11/92 | P |
| 1TTB | | TRANSTHYRETIN(FORMERLY PREALBUMIN) MUTANT(A109T) | L.K.STEINRAUF,J.A.HAMILTON,B.C.BRADEN | 11/92 | P |
| 1TTC | | TRANSTHYRETIN (FORMERLY PREALBUMIN) MUTANT(V30M) | J.A.HAMILTON,L.K.STEINRAUF,B.C.BRADEN | 11/92 | P |

**TABLE 8 - COORDINATE, NMR AND STRUCTURE FACTOR ENTRIES IN PREPARATION - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 1PDC | | PDC-109 TYPE II B-DOMAIN(NMR) | M.LLINAS,K.L.CONSTANTINE,L.PATTHY | 10/91 | P |
| 1MPP | | PEPSIN(MUCOR PUSILLUS) | M.NEWMAN ET AL. | 2/92 | P |
| 1PSA | | PEPSIN/RENIN INHIBITOR | L.CHEN,C.ABAD-ZAPATERO | 10/91 | P |
| 1NPX | | NADH PEROXIDASE(NON-NATIVE,OXIDIZED) | G.SCHULZ ET AL. | 8/91 | P |
| 2NPX | | NADH PEROXIDASE | T.STEHLE,A.CLAIBORNE,G.E.SCHULZ | 5/92 | P |
| 1ABH | | PHOSPHATE-BINDING PROTEIN/PHOSPHATE | H.LEUCKE,F.A.QUIOCHO | 4/92 | P |
| 1ERP | * | PHEROMONE ER-10(NMR,20 STRUCTURES) | L.BROWN,S.MRONGA,R.BRADSHAW,C.ORTENZI, P.LUPORINI,K.WURICH | 12/92 | P |
| 1F3G | | FACTOR III GLC-PHOSPHOCARRIER AND SIGNAL TRANSDUCING PROTEIN | D.WORTHYLAKE,N.MEADOW,S.ROSE,S.J.REMINGTON | 8/91 | P |
| 1HID | | HISTIDINE-CONTAINING PHOSPHOCARRIER PROTEIN (NMR,MINIMIZED AVERAGE STRUCTURE) | M.WITTEKIND,P.RAJAGOPAL,B.R.BRANCHINI,J.REIZER, M.H.SAIER JUNIOR,R.E.KLEVIT | 9/92 | P |
| 2PMG | | PHOSPHOGLUCOMUTASE/PHOSPHOTRANSFERASE | W.J.RAY,J.-B.DAI,Y.LIU,M.KONNO | 8/92 | P |
| 1PGD | | 6-PHOSPHOGLUCONATE DEHYDROGENASE(SHEEP) | M.J.ADAMS,S.GOVER,C.PHILLIPS,D.O'N.SOMERS | 8/91 | P |
| 1BPQ | | PHOSPHOLIPASE A2(BOVINE) | M.SUNDARALINGAM | 10/91 | P |
| 2BPP | | PHOSPHOLIPASE A2(BOVINE) MUTANT(K56M) | M.SUNDARALINGAM | 12/91 | P |
| 1BBC | | PHOSPHOLIPASE A2(HUMAN) | J.P.WERY ET AL. | 5/92 | P |
| 1PPA | | PHOSPHOLIPASE A2(LYS 49 VARIANT) | D.R.HOLLAND,K.D.WATENPAUGH | 10/91 | P |
| 1PHO | * | PHOSPHOPORIN | T.SCHIRMER,S.W.COWAN,J.N.JANSONIUS | 1/93 | P |
| 1PK2 | | PLASMINOGEN ACTIVATOR(KRINGLE 2 DOMAIN)(NMR) | M.LLINAS,I.BYEON | 9/91 | P |
| 1PK4 | | PLASMINOGEN KRINGLE 4 | A.TULINSKY,A.MULICHAK | 7/91 | P |
| 2PK4 | | PLASMINOGEN KRINGLE 4/EPSILON-AMINOCAPROIC ACID | A.TULINSKY,A.MULICHAK | 9/91 | P |
| 1PLC | | PLASTOCYANIN(POPLAR,CU2+) | J.M.GUSS,H.FREEMAN | 3/92 | RP |
| 2POL | | BETA SUBUNIT OF POL III | X.-P.KONG,J.KURIYAN | 11/92 | P |
| 1PII | | PRA ISOMERASE/IGP SYNTHASE | WILMANNS,PRIESTLE,JANSONIUS | 6/91 | P |
| 2RCR | | PHOTOSYNTHETIC REACTION CNTR(RB.SPHAER.) | CHANG,NORRIS,SCHIFFER | 2/91 | P |
| 4RCR | | PHOTOSYNTHETIC REACTION CNTR(RB.SPHAER.) | REES,FEHER ET AL. | 9/91 | P |
| 9PCY | | PLASTOCYANIN(REDUCED FORM)(NMR,16 STRUCTURES) | J.M.MOORE,C.A.LEPRE,G.P.GIPPERT,W.J.CHAZIN, D.A.CASE,P.E.WRIGHT | 3/91 | P |
| 1PAF | | POKEWEED ANTIVIRAL PROTEIN | A.F.MONZINGO,E.J.COLLINS,S.R.ERNST,J.D.IRVIN, J.D.ROBERTUS | 10/92 | P |
| 1OMF | * | PORIN | S.W.COWAN,T.SCHIRMER,J.N.JANSONIUS | 1/93 | P |
| 2POR | | PORIN(RHODOBACTER CAPSULATUS) | M.WEISS,G.SCHULZ | 4/92 | P |
| 1PAG | | POKEWEED ANTIVIRAL PROTEIN/FORMYCIN 5'-MONOPHOSPHATE | A.F.MONZINGO,E.J.COLLINS,S.R.ERNST,J.D.IRVIN, J.D.ROBERTUS | 10/92 | P |
| 3POR | * | PORIN(CRYSTAL FORM A) | M.S.WEISS,G.E.SCHULZ | 11/92 | P |
| 1PDA | * | PORPHOBILINOGEN DEAMINASE | G.V.LOUIE,P.D.BROWNLINE,R.LAMBERT,J.B.COOPER, T.L.BLUNDELL,S.P.WOOD,M.J.WARREN,S.C.WOODCOCK, P.M.JORDAN | 11/92 | P |
| 1PPO | | PROTEASE OMEGA(PAPAYA) | R.PICKERSGILL ET AL. | 7/91 | P |
| 2IGG | | PROTEIN G(SECOND IGG-BINDING DOMAIN)(NMR,27 STRUCTURES) | L.Y.LIAN,J.P.DERRICK,M.J.SUTCLIFFE,J.C.YANG, G.C.K.ROBERTS | 8/92 | P |
| 2IGH | | PROTEIN G(THIRD IGG-BINDING DOMAIN)(NMR,24 STRUCTURES) | L.Y.LIAN,J.P.DERRICK,M.J.SUTCLIFFE,J.C.YANG, G.C.K.ROBERTS | 8/92 | P |
| 1PEK | * | PROTEINASE K/INHIBITOR | CH.BETZEL,T.P.SINGH,M.VISANJI,K.PETERS,S.FITTKAU, W.SAENGER,K.S.WILSON | 1/93 | P |
| 3PRK | | PROTEINASE K/METHOXYSUCCINYL-ALA-ALA-PRO-ALA-CHLOROMETHYL KETONE | W.M.WOLF,J.BAJORATH,A.MUELLER,S.RAGHUNATHAN, T.P.SINGH,W.HINRICHS,W.SAENGER | 8/91 | P |
| 2PF1 | | PROTHROMBIN FRAGMENT 1(RESIDUES 1-156) | A.TULINSKY | 9/92 | P |
| 1HPP | * | PROTHROMBIN FRAGMENT 2/HUMAN PPACK-THROMBIN | A.TULINSKY,K.PADMANABHAN | 3/93 | P |
| 1HPQ | * | HUMAN PROTHROMBIN FRAGMENT 2/PPACK-THROMBIN | A.TULINSKY,K.PADMANABHAN | 3/93 | P |
| 121P | | C-H-RAS P21 PROTEIN/GPPCP | U.KRENGEL ET AL. | 6/91 | P |
| 1GDP | | C-H-RAS P21 PROTEIN CATALYTIC DOMAIN(RESIDUES 1 - 171)/GDP | D.C.DYKES,M.R.PINCUS | 2/92 | P |
| 221P | | C-H-RAS P21 PROTEIN MUTANT(D38E)/GPPNP | U.KRENGEL ET AL. | 6/91 | P |
| 421P | | C-H-RAS P21 PROTEIN MUTANT(G12R)/GPPNP | U.KRENGEL ET AL. | 6/91 | P |
| 521P | | C-H-RAS P21 PROTEIN MUTANT(G12V)/GTP | U.KRENGEL ET AL. | 6/91 | P |
| 621P | | C-H-RAS P21 PROTEIN MUTANT(Q61H)/GPPNP | U.KRENGEL ET AL. | 6/91 | P |
| 721P | | C-H-RAS P21 PROTEIN MUTANT(Q61L)/GPPNP | U.KRENGEL ET AL. | 6/91 | P |
| 1PYD | * | PYRUVATE DECARBOXYLASE | W.FUREY,F.DYDA | 3/93 | P |
| 2REB | | REC A PROTEIN | R.STORY,T.STEITZ | 3/92 | P |
| 1REA | | REC A PROTEIN/ADP | R.STORY,T.STEITZ | 12/91 | P |
| 6RLX | | RELAXIN(HUMAN) | C.EIGENBROT ET AL. | 6/91 | P |
| 2REN | | RENIN | A.SIELECKI,M.JAMES ET AL. | 2/92 | P |
| 1RNE | | RENIN(HUMAN)(GLYCOSYLATED,INHIBITED) | GRUETTER,RAHUEL,PRIESTLE | 12/91 | P |
| 1BBS | | RENIN(HUMAN)(GLYCOSYLATED,RECOMBINANT) | V.DHANARAJ,T.L.BLUNDELL | 5/92 | P |
| 1PRA | | REPRESSOR PROTEIN(DNA-BINDING DOMAIN)(PHAGE 434) (NMR,20 STRUCTURES) | D.NERI,M.BILLETER,K.WUTHRICH | 11/91 | P |
| 1BRQ | | RETINOL BINDING PROTEIN(APO FORM) | G.ZANOTTI,H.L.MONACO | 7/92 | P |
| 1BRP | | RETINOL BINDING PROTEIN(HOLO FORM) | G.ZANOTTI,H.L.MONACO | 7/92 | P |
| 1OPA | * | RETINOL BINDING PROTEIN II(APO,CELLULAR) | N.WINTER,L.BANASZAK | 12/92 | P |
| 1OPB | * | RETINOL BINDING PROTEIN II(HOLO,CELLULAR) | N.WINTER,L.BANASZAK | 12/92 | P |
| 1HVT | | REVERSE TRANSCRIPTASE | L.A.KOHLSTAEDT,J.WANG,J.M.FRIEDMAN,P.A.RICE, T.A.STEITZ | 6/92 | P |
| 2AAS | * | RIBONUCLEASE A | J.SANTORO,C.GONZALEZ,M.BRUIX,J.L.NEIRA,J.L.NIETO, J.HERRANZ,M.RICO | 11/92 | P |
| 3SRN | | RIBONUCLEASE A(SEMISYNTH.) MUTANT(D121N) | B.EDWARDS ET AL. | 5/91 | P |
| 4SRN | | RIBONUCLEASE A(SEMISYNTH.) MUTANT(D121A) | B.EDWARDS ET AL. | 5/91 | P |
| 1RAT | | RIBONUCLEASE A(BOVINE,98 K) | R.TILTON JR.,DEWAN,PETSKO | 8/91 | P |
| 2RAT | | RIBONUCLEASE A(BOVINE,130 K) | R.TILTON JR.,DEWAN,PETSKO | 8/91 | P |
| 3RAT | | RIBONUCLEASE A(BOVINE,160 K) | R.TILTON JR.,DEWAN,PETSKO | 8/91 | P |
| 4RAT | | RIBONUCLEASE A(BOVINE,180 K) | R.TILTON JR.,DEWAN,PETSKO | 8/91 | P |
| 5RAT | | RIBONUCLEASE A(BOVINE,220 K) | R.TILTON JR.,DEWAN,PETSKO | 8/91 | P |
| 6RAT | | RIBONUCLEASE A(BOVINE,240 K) | R.TILTON JR.,DEWAN,PETSKO | 8/91 | P |
| 7RAT | | RIBONUCLEASE A(BOVINE,260 K) | R.TILTON JR.,DEWAN,PETSKO | 8/91 | P |
| 8RAT | | RIBONUCLEASE A(BOVINE,300 K) | R.TILTON JR.,DEWAN,PETSKO | 8/91 | P |
| 9RAT | | RIBONUCLEASE A(BOVINE,320 K) | R.TILTON JR.,DEWAN,PETSKO | 8/91 | P |
| 1RTB | | RIBONUCLEASE A(BOVINE,PANCREATIC) | D.L.BIRDSALL,A.MCPHERSON | 8/92 | P |
| 1RNC | | RIBONUCLEASE A(BOVINE)/2',5'-CPG | C.AGUILAR ET AL. | 10/91 | P |

**TABLE 8 - COORDINATE, NMR AND STRUCTURE FACTOR ENTRIES IN PREPARATION - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 1L92 | | LYSOZYME(T4) MUTANT(C54T,C97A,L99I) | A.ERIKSSON,B.MATTHEWS | 1/92 | P |
| 1L93 | | LYSOZYME(T4) MUTANT(C54T,C97A,L99M) | A.ERIKSSON,B.MATTHEWS | 1/92 | P |
| 1L94 | | LYSOZYME(T4) MUTANT(C54T,C97A,L99V) | A.ERIKSSON,B.MATTHEWS | 1/92 | P |
| 1L95 | | LYSOZYME(T4) MUTANT(C54T,C97A,F153V) | A.ERIKSSON,B.MATTHEWS | 1/92 | P |
| 1LYE | | LYSOZYME(T4) MUTANT(C54T,T59V,C97A) | J.A.BELL,W.J.BECKTEL,U.SAUER,W.A.BAASE, B.W.MATTHEWS | 8/92 | P |
| 1LYF | | LYSOZYME(T4) MUTANT(C54T,T59S,C97A) | J.A.BELL,W.J.BECKTEL,U.SAUER,W.A.BAASE, B.W.MATTHEWS | 8/92 | P |
| 1LYG | | LYSOZYME(T4) MUTANT(C54T,T59N,C97A) | J.A.BELL,W.J.BECKTEL,U.SAUER,W.A.BAASE, B.W.MATTHEWS | 8/92 | P |
| 1LYH | | LYSOZYME(T4) MUTANT(C54T,T59G,C97A) | J.A.BELL,W.J.BECKTEL,U.SAUER,W.A.BAASE, B.W.MATTHEWS | 8/92 | P |
| 1LYI | | LYSOZYME(T4) MUTANT(C54T,T59D,C97A) | J.A.BELL,W.J.BECKTEL,U.SAUER,W.A.BAASE, B.W.MATTHEWS | 8/92 | P |
| 1LYJ | | LYSOZYME(T4) MUTANT(C54T,T59A,C97A) | J.A.BELL,W.J.BECKTEL,U.SAUER,W.A.BAASE, B.W.MATTHEWS | 8/92 | P |
| 1HYD | * | LYSOZYME(T4) MUTANT(S44E,C54T,C97A) | M.BLABER,B.MATTHEWS | 12/92 | P |
| 107L | * | LYSOZYME(T4) MUTANT(S44G,C54T,C97A) | M.BLABER,B.MATTHEWS | 12/92 | P |
| 108L | * | LYSOZYME(T4) MUTANT(S44I,C54T,C97A) | M.BLABER,B.MATTHEWS | 12/92 | P |
| 109L | * | LYSOZYME(T4) MUTANT(S44K,C54T,C97A) | M.BLABER,B.MATTHEWS | 12/92 | P |
| 110L | * | LYSOZYME(T4) MUTANT(S44L,C54T,C97A) | M.BLABER,B.MATTHEWS | 12/92 | P |
| 111L | * | LYSOZYME(T4) MUTANT(S44N,C54T,C97A) | M.BLABER,B.MATTHEWS | 12/92 | P |
| 113L | * | LYSOZYME(T4) MUTANT(S44R,C54T,C97A) | M.BLABER,B.MATTHEWS | 12/92 | P |
| 114L | * | LYSOZYME(T4) MUTANT(S44T,C54T,C97A) | M.BLABER,B.MATTHEWS | 12/92 | P |
| 115L | * | LYSOZYME(T4) MUTANT(S44V,C54T,C97A) | M.BLABER,B.MATTHEWS | 12/92 | P |
| 116L | * | LYSOZYME(T4) MUTANT(S44W,C54T,C97A) | M.BLABER,B.MATTHEWS | 1/93 | P |
| 1L96 | | LYSOZYME(T4) MUTANT(I3P,P 32 2 1) | DIXON,SHEWCHUK,MATTHEWS | 2/92 | P |
| 1L97 | | LYSOZYME(T4) MUTANT(I3P,P 21 21 2) | DIXON,SHEWCHUK,MATTHEWS | 2/92 | P |
| 101L | | LYSOZYME(T4) MUTANT(INS K48-HP) | D.W.HEINZ,B.W.MATTHEWS | 9/92 | P |
| 102L | | LYSOZYME(T4) MUTANT(INS N40-A) | D.W.HEINZ,B.W.MATTHEWS | 9/92 | P |
| 103L | | LYSOZYME(T4) MUTANT(INS N40-SLD) | D.W.HEINZ,B.W.MATTHEWS | 9/92 | P |
| 104L | | LYSOZYME(T4) MUTANT(INS S44-AA) | D.W.HEINZ,B.W.MATTHEWS | 9/92 | P |
| 105L | | LYSOZYME(T4) MUTANT(INS S44-AAA) | D.W.HEINZ,B.W.MATTHEWS | 9/92 | P |
| 3LZ2 | | LYSOZYME(TURKEY) | P.L.HOWELL ET AL. | 9/91 | P |
| 1LZ3 | | LYSOZYME(TURKEY) | K.HARATA | 11/91 | P |
| 1CME | | MALATE DEHYDROGENASE/MALATE/NAD | M.HALL,L.BANASZAK | 3/92 | P |
| 2CMD | | MALATE DEHYDROGENASE | M.D.HALL,L.J.BANASZAK | 9/92 | P |
| 1OMP | | D-MALTODEXTRIN-BINDING PROTEIN | A.J.SHARFF,F.A.QUIOCHO | 9/92 | P |
| 2MBP | | D-MALTODEXTRIN-BINDING PROTEIN/D-MALTOSE | J.C.SPURLINO,G.-Y.LU,F.A.QUIOCHO | 9/92 | P |
| 1MNR | | MANDELATE RACEMASE(PSEUDOMONAS PUTIDA) | D.NEIDHART,G.PETSKO | 9/91 | P |
| 1MRM | | MANDELATE RACEMASE(PSEUDOMONAS PUTIDA) | D.J.NEIDHART,G.A.PETSKO | 6/91 | P |
| 2MSB | | MANNOSE-BINDING PROTEIN A, LECTIN DOMAIN/CALCIUM AND MAN6GLCNAC2ASN GLYCOPEPTIDE | W.I.WEIS,W.A.HENDRICKSON | 7/92 | P |
| 3MT2 | | METALLOTHIONEIN(ISOFORM II,RAT LIVER) | A.ROBBINS,C.D.STOUT | 8/91 | P |
| 4MT2 | * | METALLOTHIONEIN(ISOFORM II,RAT LIVER) | A.ROBBINS,C.D.STOUT | 4/93 | P |
| 1MEA | | METHIONYL-TRNA SYNTHETASE ZINC-BINDING DOMAIN (NMR,12 STRUCTURES) | D.FOURMY,F.DARDEL | 11/92 | P |
| 1BBK | | METHYLAMINE DEHYDROGENASE(PARACOCCUS DENITRIFICANS) | L.CHEN,F.S.MATHEWS,W.G.J.HOL | 4/92 | P |
| 2MAD | | METHYLAMINE DEHYDROGENASE(THIOBACILLUS VERSUTUS) | E.G.HUIZINGA,F.M.D.VELLIEUX,W.G.J.HOL | 5/92 | P |
| 1MAE | | METHYLAMINE DEHYDROGENASE/METHYLHYDRAZINE | E.G.HUIZINGA,F.M.D.VELLIEUX,W.G.J.HOL | 5/92 | P |
| 1MAF | | METHYLAMINE DEHYDROGENASE/(2,2,2)-TRIFLUORO ETHYLHYDRAZINE (TFH) | E.G.HUIZINGA,F.M.D.VELLIEUX,W.G.J.HOL | 5/92 | P |
| 1MDA | | METHYLAMINE DEHYDROGENASE/AMICYANIN | CHEN,DURLEY,F.S.MATHEWS | 3/92 | P |
| 1CMB | | MET APOREPRESSOR | J.B.RAFFERTY,K.PHILLIPS,S.E.V.PHILLIPS | 8/92 | P |
| 1CMC | | MET REPRESSOR/COREPRESSOR(TRIGONAL) | W.S.SOMERS,S.E.V.PHILLIPS | 8/92 | P |
| 1CMA | | MET REPRESSOR/OPERATOR | W.S.SOMERS,S.E.V.PHILLIPS | 8/92 | P |
| 3MON | | MONELLIN(SERENDIPITY BERRY) | F.JIANG,L.TONG,S.-H.KIM | 8/92 | P |
| 1MYP | | MYELOPEROXIDASE | R.E.FENNA,J.ZENG | 4/92 | P |
| 1MAT | * | METHIONINE AMINOPEPTIDASE | S.RODERICK,B.MATTHEWS | 12/92 | P |
| 1TCG | * | MU-CONOTOXIN GIIIA(NMR,MINIMIZED AVERAGE STRUCTURE) | D.KOHDA,J.M.LANCELIN,F.INAGAKI,K.WAKAMATSU | 12/92 | P |
| 1TCH | * | MU-CONOTOXIN GIIIA(INACTIVE ANALOG)(NMR,10 STRUCTURES) | D.KOHDA,J.M.LANCELIN,F.INAGAKI,K.WAKAMATSU | 12/92 | P |
| 1MYG | | MYOGLOBIN(PIG) | S.SMERDON ET AL. | 2/92 | P |
| 1MYH | | MYOGLOBIN(PIG) MUTANT(K45R) | S.SMERDON ET AL. | 2/92 | P |
| 1MYI | | MYOGLOBIN(PIG) MUTANT(K45S) | S.SMERDON ET AL. | 2/92 | P |
| 1MYJ | | MYOGLOBIN(PIG) MUTANT(V68T) | S.SMERDON ET AL. | 2/92 | P |
| 1CMM | * | CYANIDE MET MYOGLOBIN | T.SATO,N.TANAKA,H.MORIYAMA,N.IGARASHI,S.NEYA ,N.FUNASAKI,T.IIZUKA,Y.SHIRO | 1/93 | P |
| 1SWM | | MYOGLOBIN(SPERM WHALE,FERRIC)/AZIDE | M.RIZZI,P.ASCENZI,A.CODA,M.BRUNORI,M.BOLOGNESI | 3/92 | P |
| 1NOA | * | NEOCARZINOSTATIN | A.TEPLYAKOV | 12/92 | P |
| 2BAT | | NEURAMINIDASE N2/SIALIC ACID | J.N.VARGHESE,P.M.COLMAN | 8/92 | P |
| 1NCA | | NEURAMINIDASE N9/NC41 FAB | TULIP,VARGHESE,COLMAN | 1/92 | P |
| 1NCB | | NEURAMINIDASE N9 MUTANT(N329D)/NC41 FAB | TULIP,VARGHESE,COLMAN | 1/92 | P |
| 1NCC | | NEURAMINIDASE N9 MUTANT(I368R)/NC41 FAB | TULIP,VARGHESE,COLMAN | 1/92 | P |
| 1NCD | | NEURAMINIDASE N9(PILOT WHALE)/NC41 FAB | TULIP,VARGHESE,COLMAN | 1/92 | P |
| 1NSB | | NEURAMINIDASE(INFLUENZA VIRUS) | BURMEISTER,RUIGROK,CUSACK | 11/91 | P |
| 1NTX | | ALPHA-NEUROTOXIN(NMR,20 STRUCTURES) | L.R.BROWN,K.WUTHRICH | 4/92 | P |
| 2SN3 | | SCORPION NEUROTOXIN(VARIANT 3) | ZHAO,CARSON,EALICK,BUGG | 2/92 | RP |
| 1NPC | | NEUTRAL PROTEASE | W.STARK,R.A.PAUPTIT,J.N.JANSONIUS | 1/92 | P |
| 1NIP | | NITROGENASE IRON PROTEIN | H.KOMIYA,M.M.GEORGIADIS,P.CHAKRABARTI,D.WOO, J.J.KORNUC,D.C.REES | 9/92 | P |
| 1MIN | * | NITROGENASE MOLYBDENUM-IRON PROTEIN | J.KIM,D.C.REES | 1/93 | P |
| 1KAA | * | STAPHYLOCOCCAL NUCLEASE MUTANT(K116A) | A.HODEL,R.FOX | 12/92 | P |
| 1KAB | * | STAPHYLOCOCCAL NUCLEASE MUTANT(K126G) | A.HODEL,R.FOX | 12/92 | P |
| 1RRO | | ONCOMODULIN(RECOMBINANT RAT) | F.R.AHMED,D.R.ROSE,S.V.EVANS,M.E.PIPPY,R.TO | 8/92 | P |
| 1OVB | | OVOTRANSFERRIN(18KD FRAGMENT,DOMAIN II FROM N-TERMINAL LOBE) | P.KUSER,P.LINDLEY,R.SARRA | 10/92 | P |
| 1PPN | | PAPAIN CYS-25 WITH BOUND ATOM | R.W.PICKERSGILL,G.W.HARRIS,E.GARMAN | 10/91 | P |
| 5PAL | | PARVALBUMIN(ALPHA LINEAGE)(SHARK) | J.DECLERCQ ET AL. | 9/91 | |

**TABLE 8 - COORDINATE, NMR AND STRUCTURE FACTOR ENTRIES IN PREPARATION - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 1MCI | * | IMMUNOGLOBUOIN LAMBDA LIGHT CHAIN/N-ACETYL-D-PHE-L-HIS-D-PRO-OH | A.B.EDMUNDSON,D.L.HARRIS,Z.-C.FAN,L.W.GUDDAT | 2/93 | P |
| 1IGM | | IMMUNOGLOBULIN M(HUMAN) FV FRAGMENT | Z-C.FAN,L.W.GUDDAT,A.B.EDMUNDSON | 7/92 | P |
| 2IMM | * | IMMUNOGLOBULIN VL DOMAIN MCPC603 | B.STEIPE,R.HUBER | 3/93 | P |
| 2IMN | * | IMMUNOGLOBULIN VL MUTANT (MCPC603-CDR1 REPLACED BY MOPC167-CDR1) | B.STEIPE,R.HUBER | 3/93 | P |
| 1DFB | | IGG1 K FAB FRAGMENT | HE,RUEKER,CASALE,CARTER | 3/92 | P |
| 1HIL | | IGG2A FAB FRAGMENT (FAB 17/9) | J.M.RINI,I.A.WILSON | 7/92 | P |
| 1HIM | | IGG2A FAB FRAGMENT (FAB 17/9) | U.SCHULZE-GAHMEN,I.A.WILSON | 7/92 | P |
| 1HIN | | IGG2A FAB FRAGMENT (FAB 17/9) | J.M.RINI,I.A.WILSON | 7/92 | P |
| 2HHM | | INOSITOL MONOPHOSPHATASE DIMER/GADOLINIUM/SULFATE | R.BONE | 10/92 | P |
| 1HIU | | INSULIN(HUMAN)(NMR,11 STRUCTURES) | Q.X.HUA,S.E.SHOELSON,M.KOCHOYAN,M.A.WEISS | 2/92 | P |
| 1HIS | | INSULIN(HUMAN) DES-PENTAPEPTIDE(NMR,15 STRUCTURES) | Q.X.HUA,M.KOCHOYAN,M.A.WEISS | 2/92 | P |
| 1HIT | | INSULIN(HUMAN) MUTANT(F24G)(NMR,9 STRUCTURES) | Q.X.HUA,M.KOCHOYAN,M.A.WEISS | 2/92 | P |
| 1IZA | | INSULIN(PORCINE)(2.5 ANGSTROMS) | B.XIAO,G.G.DODSON | 10/92 | P |
| 1IZB | | INSULIN(PORCINE)(2.0 ANGSTROMS) | B.XIAO,G.G.DODSON | 10/92 | P |
| 6INS | | INSULIN(PIG,DES-B30,CROSSLINKED B29-A1) | G.DODSON ET AL. | 3/91 | P |
| 7INS | | INSULIN(PORCINE)/M-CRESOL/CLUPEINE Z | F.KORBER ET AL. | 9/91 | P |
| 1IFA | | INTERFERON-BETA(MOUSE) | Y.MITSUI ET AL. | 10/91 | P |
| 1MIB | | INTERLEUKIN 1B(MOUSE) | J.PRIESTLE ET AL. | 8/91 | P |
| 3INK | | INTERLEUKIN 2 MUTANT(C125A) | D.B.MCKAY,B.J.BRANDHUBER | 12/92 | P |
| 1BBN | | INTERLEUKIN 4(NMR,23 STRUCTURES) | G.M.CLORE,B.POWERS,D.S.GARRETT,A.M.GRONENBORN | 5/92 | P |
| 1ITI | * | INTERLEUKIN 4(HUMAN) | G.M.CLORE,B.POWERS,D.S.GARRETT,A.M.GRONENBORN | 4/93 | P |
| 1RCB | | INTERLEUKIN 4(HUMAN,RECOMBINANT) | A.WLODAWER,A.PAVLOVSKY,A.GUSTCHINA | 8/92 | P |
| 1IPD | | 3-ISOPROPYLMALATE DEHYDROGENASE | K.IMADA,M.SATO,Y.KATSUBE | 1/92 | P |
| 1KST | | KISTRIN(NMR) | M.ADLER,R.A.LAZARUS,M.S.DENNIS,G.WAGNER | 9/91 | P |
| 1MBL | | BETA-LACTAMASE MUTANT(E166A) | J.R.KNOX,P.C.MOEWS | 8/92 | P |
| 9LDB | | LACTATE DEHYDROGENASE/NADH | C.R.DUNN | 11/91 | P |
| 9LDT | | LACTATE DEHYDROGENASE/NADH/OXAMATE | C.R.DUNN | 11/91 | P |
| 1LDN | | LACTATE DEHYDROGENASE/NADH/OXAMATE/F1,6BP | D.WIGLEY ET AL. | 11/91 | P |
| 1LLD | | OXIDOREDUCTASE(CHOH(D)-NAD(A))L-LACTATE DEHYDROGENASE MUTANT(C2105)/NADH | S.IWATA,T.OHTA | 6/92 | P |
| 1LFH | | LACTOFERRIN(HUMAN MILK,APO) | ANDERSON,BAKER,NORRIS | 9/91 | P |
| 1LFG | | LACTOFERRIN(HUMAN MILK,DIFERRIC) | BAKER,ANDERSON,HARIDAS | 2/92 | P |
| 1LFI | | LACTOFERRIN(HUMAN MILK,COPPER) | SMITH,ANDERSON,BAKER,BAKER | 2/92 | P |
| 1LMB | | LAMBDA REPRESSOR/DNA | L.BEAMER,C.PABO | 11/91 | RP |
| 1LEC | * | LECTIN | L.DELBAERE,M.VANDONSELAAR,J.QUAIL | 12/92 | P |
| 1LTE | | LECTIN(ERYTHRINA CORALLODENDRON) | B.SHAANAN,H.LIS,N.SHARON | 6/91 | P |
| 1LED | * | LECTIN/LEWIS B HUMAN BLOOD GROUP DETERMINANT | L.DELBAERE,M.VANDONSELAAR,J.QUAIL | 12/92 | P |
| 1HLE | | HORSE LEUCOCYTE ELASTASE INHIBITOR | U.BAUMANN,W.BODE,R.HUBER,J.TRAVIS,J.POTEMPA | 4/92 | P |
| 1RIN | * | LECTIN/METHYL-3,6-DI-O-(ALPHA-D-MANNOPYRANOSYL) ALPHA-D-MANNOPYRANOSIDE | J.M.RINI,K.D.HARDMAN,H.EINSPAHR,F.L.SUDDATH, J.P.CARVER | 1/93 | P |
| 1BPM | * | LEUCINE AMINOPEPTIDASE | H.KIM,W.N.LIPSCOMB | 3/93 | P |
| 1BPN | * | LEUCINE AMINOPEPTIDASE | H.KIM,W.N.LIPSCOMB | 3/93 | P |
| 3LAD | | LIPOAMIDE DEHYDROGENASE(A.VINELANDII) | MATTEVI,SCHIERBEEK,HOL | 12/91 | P |
| 1LPF | | LIPOAMIDE DEHYDROGENASE(PSEUDOMONAS FLUORESCENS) | A.MATTEVI,W.HOL | 10/92 | P |
| 1HEL | | LYSOZYME(HEN) | WILSON,MALCOLM,MATTHEWS | 1/92 | P |
| 1HEW | | LYSOZYME(HEN)/TRI-N-ACETYLCHITOTRIOSE | CHEETHAM,ARTYMIUK,PHILLIPS | 1/92 | P |
| 1HEM | | LYSOZYME(HEN) MUTANT(S91T) | WILSON,MALCOLM,MATTHEWS | 1/92 | P |
| 1HEN | | LYSOZYME(HEN) MUTANT(I55V,S91T) | WILSON,MALCOLM,MATTHEWS | 1/92 | P |
| 1HEO | | LYSOZYME(HEN) MUTANT(I55V) | WILSON,MALCOLM,MATTHEWS | 1/92 | P |
| 1HEP | | LYSOZYME(HEN) MUTANT(T40S,I55V,S91T) | WILSON,MALCOLM,MATTHEWS | 1/92 | P |
| 1HEQ | | LYSOZYME(HEN) MUTANT(T40S,S91T) | WILSON,MALCOLM,MATTHEWS | 1/92 | P |
| 1HER | | LYSOZYME(HEN) MUTANT(T40S) | WILSON,MALCOLM,MATTHEWS | 1/92 | P |
| 1RCM | * | LYSOZYME(HEN EGG WHITE,PARTIALLY REDUCED) | C.P.HILL,N.L.JOHNSTON,R.E.COHEN | 1/93 | P |
| 3LYT | | LYSOZYME(HEN,100 KELVIN)(R=0.203) | J.C.DEWAN,A.C.M.YOUNG,R.F.TILTON | 3/92 | P |
| 4LYT | | LYSOZYME(HEN,298 KELVIN) | J.C.DEWAN,A.C.M.YOUNG,R.F.TILTON | 3/92 | P |
| 5LYT | | LYSOZYME(HEN,100 KELVIN)(R=0.176) | J.C.DEWAN,A.C.M.YOUNG,R.F.TILTON | 3/92 | P |
| 6LYT | | LYSOZYME(HEN,298 KELVIN) | J.C.DEWAN,A.C.M.YOUNG,R.F.TILTON | 3/92 | P |
| 1HWA | | LYSOZYME(NMR,1 STRUCTURE) | L.J.SMITH,M.J.SUTCLIFFE,C.REDFIELD,C.M.DOBSON | 8/92 | P |
| 1LHK | | LYSOZYME(HUMAN) MUTANT(A47P) | K.INAKA,M.MATSUSHIMA,T.HERNING,R.KUROKI,K.YUTANI, M.KIKUCHI | 3/92 | P |
| 1LHL | | LYSOZYME(HUMAN) MUTANT(D91P) | K.INAKA,M.MATSUSHIMA,T.HERNING,R.KUROKI,K.YUTANI, M.KIKUCHI | 3/92 | P |
| 1LHI | | LYSOZYME(HUMAN) MUTANT(P71G) | K.INAKA,M.MATSUSHIMA,T.HERNING,R.KUROKI,K.YUTANI, M.KIKUCHI | 3/92 | P |
| 1LHJ | | LYSOZYME(HUMAN) MUTANT(P103G) | K.INAKA,M.MATSUSHIMA,T.HERNING,R.KUROKI,K.YUTANI, M.KIKUCHI | 3/92 | P |
| 1LHH | | LYSOZYME(HUMAN) MUTANT(V110P) | K.INAKA,M.MATSUSHIMA,T.HERNING,R.KUROKI,K.YUTANI, M.KIKUCHI | 3/92 | P |
| 1LZ5 | * | LYSOZYME MUTANT(FOUR RESIDUE INSERT0 | M.MATSUSHIMA,K.INAKA,T.YAMADA,K.SEKIGUCHI, M.KIKUCHI | 2/93 | P |
| 1LZ6 | * | LYSOZYME MUTANT WITH EIGHT AMINO ACID RESIDUES INSERTED | M.MATSUSHIMA,K.INAKA,T.YAMADA,K.SEKIGUCHI, M.KIKUCHI | 2/93 | P |
| 1LZ4 | * | LYSOZYME MUTANT(C77A) | K.INAKA,M.MATSUSHIMA,R.KUROKI,Y.TANIYAMA, M.KIKUCHI | 2/93 | P |
| 1L00 | | LYSOZYME(T4) MUTANT(Q105A) | P.PJURA,L.P.MCINTOSH,J.A.WOZNIAK,B.W.MATTHEWS | 7/92 | P |
| 1L98 | | LYSOZYME(T4) MUTANT(Q105E) | P.PJURA,L.P.MCINTOSH,J.A.WOZNIAK,B.W.MATTHEWS | 7/92 | P |
| 1L99 | | LYSOZYME(T4) MUTANT(Q105G) | P.PJURA,L.P.MCINTOSH,J.A.WOZNIAK,B.W.MATTHEWS | 7/92 | P |
| 1L83 | | LYSOZYME(T4) MUTANT(C54T,C97A,L99A)/BENZENE | A.ERIKSSON,B.MATTHEWS | 1/92 | P |
| 1L84 | | LYSOZYME(T4) MUTANT(C54T,C97A,L99A,F153A)/BNZ | A.ERIKSSON,B.MATTHEWS | 1/92 | P |
| 1L85 | | LYSOZYME(T4) MUTANT(C54T,C97A,F153A) | A.ERIKSSON,B.MATTHEWS | 1/92 | P |
| 1L86 | | LYSOZYME(T4) MUTANT(C54T,C97A,F153I) | A.ERIKSSON,B.MATTHEWS | 1/92 | P |
| 1L87 | | LYSOZYME(T4) MUTANT(C54T,C97A,F153L) | A.ERIKSSON,B.MATTHEWS | 1/92 | P |
| 1L88 | | LYSOZYME(T4) MUTANT(C54T,C97A,F153M) | A.ERIKSSON,B.MATTHEWS | 1/92 | P |
| 1L89 | | LYSOZYME(T4) MUTNT(C54T,C97A,L99A,F153A) | A.ERIKSSON,B.MATTHEWS | 1/92 | P |
| 1L90 | | LYSOZYME(T4) MUTANT(C54T,C97A,L99A) | A.ERIKSSON,B.MATTHEWS | 1/92 | P |
| 1L91 | | LYSOZYME(T4) MUTANT(C54T,C97A,L99F) | A.ERIKSSON,B.MATTHEWS | 1/92 | P |

**TABLE 8 - COORDINATE, NMR AND STRUCTURE FACTOR ENTRIES IN PREPARATION - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 1ABB | | GLYCOGEN PHOSPHORYLASE | D.D.LEONIDAS,N.G.OIKONOMAKOS,A.C.PAPAGEORGIOU, K.R.ACHARYA,D.BARFORD,L.N.JOHNSON | 4/92 | P |
| 1PYG | | GLYCOGEN PHOSPHORYLASE (PYRIDOXAL-5'-PYROPHOSPHORYL DERIV.) | S.SPRANG | 7/92 | P |
| 1RHG | * | GRANULOCYTE COLONY-STIMULATING FACTOR | C.P.HILL,T.D.OSSLUND,D.EISENBERG | 1/93 | P |
| 1GMF | | GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR | P.A.KARPLUS,K.DIEDERICHS | 12/91 | P |
| 2HHR | | HUMAN GROWTH HORMONE/RECEPTOR(EXTRACELLULAR DOMAIN) | A.H.DE VOS,M.U.ULTSCH,A.A.KOSSIAKOFF | 10/92 | P |
| 1GKY | | GUANYLATE KINASE/GMP | T.STEHLE,G.SCHULZ | 12/91 | P |
| 1HGD | | HEMAGGLUTININ MUTANT(G135(A)R) | D.WILEY ET AL. | 11/91 | P |
| 1HGE | | HEMAGGLUTININ MUTANT(G135(A)R)/NEU5AC2ME | D.WILEY ET AL. | 11/91 | P |
| 1HGF | | HEMAGGLUTININ | D.WILEY ET AL. | 11/91 | P |
| 1HGG | | HEMAGGLUTININ/ALPHA(2,3)SIALYLLACTOSE | D.WILEY ET AL. | 11/91 | P |
| 1HGH | | HEMAGGLUTININ/NEU5AC(ALPHA)2BAC | D.WILEY ET AL. | 11/91 | P |
| 1HGI | | HEMAGGLUTININ/4-ACETYL-NEU5AC(ALPHA)2ME | D.WILEY ET AL. | 11/91 | P |
| 1HGJ | | HEMAGGLUTININ/9-AMINO-NEU5AC(ALPHA)2ME | D.WILEY ET AL. | 11/91 | P |
| 1HCY | | HEMOCYANIN(PANULIRUS INTERRUPTUS) | A.VOLBEDA,W.HOL | 5/91 | P |
| 1LLA | | HEMOCYANIN SUBUNIT II(LIMULUS POLYPHEMUS) | B.HAZES,W.G.J.HOL | 9/92 | P |
| 1HC1 | | HEMOCYANIN(P.INTERRUPTUS) SUBUNIT 1 | A.VOLBEDA,W.HOL | 5/91 | P |
| 1HC2 | | HEMOCYANIN(P.INTERRUPTUS) SUBUNIT 2 | A.VOLBEDA,W.HOL | 5/91 | P |
| 1HC3 | | HEMOCYANIN(P.INTERRUPTUS) SUBUNIT 3 | A.VOLBEDA,W.HOL | 5/91 | P |
| 1HC4 | | HEMOCYANIN(P.INTERRUPTUS) SUBUNIT 4 | A.VOLBEDA,W.HOL | 5/91 | P |
| 1HC5 | | HEMOCYANIN(P.INTERRUPTUS) SUBUNIT 5 | A.VOLBEDA,W.HOL | 5/91 | P |
| 1HC6 | | HEMOCYANIN(P.INTERRUPTUS) SUBUNIT 6 | A.VOLBEDA,W.HOL | 5/91 | P |
| 1BBB | | HEMOGLOBIN A(HUMAN,CARBONMONOXY) | A.ARNONE,M.M.SILVA | 4/92 | P |
| 1HAM | | HEMOGLOBIN(AALBORG) | G.FERMI,M.F.PERUTZ,D.WILLIAMSON,P.STEIN,D.T.B.SHIH | 3/92 | P |
| 1DXT | | HEMOGLOBIN(HUMAN,DEOXY)(EXTRA N-TERM MET) | J.S.KAVANAUGH,A.ARNONE | 5/92 | P |
| 1DXV | | HEMOGLOBIN(HUMAN,DEOXY) MUTANT(V1A) | J.S.KAVANAUGH,A.ARNONE | 5/92 | P |
| 1DXU | | HEMOGLOBIN(HUMAN,DEOXY) MUTANT(V1M) | J.S.KAVANAUGH,A.ARNONE | 5/92 | P |
| 1BAB | | HEMOGLOBIN(DEOXY-THIONVILLE) | J.S.KAVANAUGH,A.ARNONE | 5/92 | P |
| 1HBB | | HEMOGLOBIN(LOW SALT) | J.KAVANAUGH,A.ARNONE | 1/92 | P |
| 1HGC | | HEMOGLOBIN(T STATE,ALPHA-OXY) | R.LIDDINGTON,Z.DEREWENDA,E.DODSON,R.HUBBARD, G.DODSON | 10/91 | P |
| 1HGB | | HEMOGLOBIN(T STATE,AQUOMET) | R.LIDDINGTON,Z.DEREWENDA,E.DODSON,R.HUBBARD, G.DODSON | 10/91 | P |
| 1HGA | | HEMOGLOBIN(T STATE,DEOXYGENATED) | R.LIDDINGTON,Z.DEREWENDA,E.DODSON,R.HUBBARD, G.DODSON | 10/91 | P |
| 1HBA | | HEMOGLOBIN ROTHSCHILD MUTANT(W37(B)R) | J.KAVANAUGH,A.ARNONE | 1/92 | P |
| 1ITH | | HEMOGLOBIN(URECHIS CAUPO) | M.HACKERT,P.KOLATKAR,S.R.ERNST | 12/91 | P |
| 1CMY | | HEMOGLOBIN YPSILANTI(HUMAN,CARBON MONOXY) | F.R.SMITH,E.E.LATTMAN,C.W.CARTER JR. | 9/92 | P |
| 1ISU | | HIGH-POTENTIAL IRON-SULPHUR PROTEIN(HIPIP) | H.M.HOLDEN | 9/92 | P |
| 1PYA | | HISTIDINE DECARBOXYLASE(PYRUVOYL-DEPENDENT) | T.GALLAGHER,D.A.ROZWARSKI,S.R.ERNST,M.L.HACKERT | 12/92 | P |
| 1HEV | * | HEVEIN(NMR,6 STRUCTURES) | N.H.ANDERSEN,B.CAO | 1/93 | P |
| 1MHA | | HISTOCOMPATIBILITY ANTIGEN(H-2K(B))(MOUSE CLASS I) | Z.WEIGO,A.C.M.YOUNG,M.IMARAI,S.G.NATHENSON, J.C.SACCHETTINI | 7/92 | P |
| 1HRG | | HIRUDIN(C TERMINAL FRAGMENT)(NMR) | F.NI,K.GIBSON,H.SCHERAGA | 12/90 | P |
| 1HIC | | HIRUDIN VARIANT 1(NMR,20 STRUCTURES) | T.SZYPERSKI,P.GUNTERT,S.R.STONE,K.WUTHRICH | 4/92 | P |
| 1HTC | | HIRUDIN(VARIANT 2)/THROMBIN | A.TULINSKY ET AL. | 3/91 | AP |
| 1AAF | | HIV-1 NUCLEOCAPSID PROTEIN(MN STRAIN) | M.F.SUMMERS,L.E.HENDERSON,M.R.CHANCE,J.W.BESS, T.L.SOUTH | 4/91 | P |
| 1HVN | * | HIV-1 NUCLEOCAPSID ZINC FINGER/DNA(ACGCC)(NMR,15 STRUCTURES) | T.SOUTH,M.SUMMERS | 12/92 | P |
| 1NCP | | HIV-1 P7 NUCLEOCAPSID PROTEIN (TWO ZN-BINDING DOMAINS) (NMR,MINIMIZED STRUCTURE) | G.M.CLORE,J.G.OMICHINSKI,A.M.GRONENBORN | 11/91 | P |
| 7HVP | | HIV-1 PROTEASE/INHIBITOR JG-365 | A.WLODAWER ET AL. | 9/90 | P |
| 8HVP | | HIV-1 PROTEASE/INHIBITOR U-85548E | A.WLODAWER ET AL. | 10/90 | P |
| 4PHV | | HIV-1 PROTEASE/INHIBITOR L-700,417 | R.BONE | 10/91 | P |
| 1HIV | | HIV-1 PROTEASE/INHIBITOR U75875 | N.THANKI,A.WLODAWER | 2/92 | P |
| 1AAQ | | HIV-1 PROTEASE/HYDROXYETHYLENE ISOSTERE | M.LEWIS | 4/92 | P |
| 1HEF | | HIV-1 PROTEASE/SKF 108738(HEG) | H.M.MURTHY,E.L.WINBORNE,M.D.MINNICH,J.S.CULP, C.DEBOUCK | 9/92 | P |
| 1HEG | | HIV-1 PROTEASE/SKF 107457(HEG) | H.M.MURTHY,E.L.WINBORNE,M.D.MINNICH,J.S.CULP, C.DEBOUCK | 9/92 | P |
| 1HVO | * | HIV-1 ZINC FINGER/DNA(ACGCC)(NMR,15 STRUCTURES,LESS RESTRAINTS) | T.WOUTH,M.SUMMERS | 12/92 | P |
| 1BAF | | AN02 FAB FRAGMENT(MOUSE) | LEAHY,BRUNGER,FOX,HYNES | 1/92 | P |
| 1BBD | | FAB FRAGMENT FROM 8F5 ANTIBODY AGAINST HRV2 | J.TORMO,D.BLAAS,I.FITA | 5/92 | P |
| 1MAM | | FAB(MOUSE MONOCLONAL ANTIBODY YST9.1) | D.ROSE | 1/92 | P |
| 7FAB | | IMMUNOGLOBULIN FAB' NEW | F.SAUL,R.POLJAK | 11/91 | RP |
| 8FAB | | IGG1 FAB FRAGMENT HIL | F.SAUL,R.POLJAK | 3/92 | P |
| 1MCO | * | IMMUNOGLOBULIN IGG1 LAMBDA WITH A HINGE DELETION | A.B.EDMUNDSON,L.W.GUDDAT | 2/93 | P |
| 1MCS | * | IMMUNOGLOBULIN LAMBDA LIGHT CHAIN/ N-ACETYL-L-GLN-D-PHE-L-HIS-D-PRO-OH | A.B.EDMUNDSON,D.L.HARRIS,Z.-C.FAN,L.W.GUDDAT | 2/93 | P |
| 1MCQ | * | IMMUNOGLOBULIN LAMBDA LIGHT CHAIN/ N-ACETYL-L-HIS-D-PRO-NH2 | A.B.EDMUNDSON,D.L.HARRIS,Z.-C.FAN,L.W.GUDDAT | 2/93 | P |
| 1MCR | * | IMMUNOGLOBULIN LAMBDA LIGHT CHAIN/ N-ACETYL-L-HIS-D-PRO-OH | A.B.EDMUNDSON,D.L.HARRIS,A.-C.FAN,L.W.GUDDAT | | P |
| 1MCK | * | IMMUNOGLOBULIN LAMBDA LIGHT CHAIN/N-ACETYL-D-GLU-L-HIS-D-PRO-NH2 | A.B.EDMUNDSON,D.L.HARRIS,Z.-C.FAN,L.W.GUDDAT | 2/93 | P |
| 1MCN | * | IMMUNOGLOBULIN LAMBDA LIGHT CHAIN/N-ACETYL-D-HIS-L-PRO-NH2 | A.B.EDMUNDSON,D.L.HARRIS,Z.-C.FAN,L.W.GUDDAT | 2/93 | P |
| 1MCL | * | IMMUNOGLOBULIN LAMBDA LIGHT CHAIN/N-ACETYL-D-HIS-L-PRO-OH | A.B.EDMUNDSON,D.L.HARRIS,Z.-C.FAN,L.W.GUDDAT | 2/93 | P |
| 1MCD | * | IMMUNOGLOBULIN LAMBDA LIGHT CHAIN/ N-ACETYL-D-PHE-B-ALA-L-HIS-D-PRO-NH2 | A.B.EDMUNDSON,D.L.HARRIS,Z.-C.FAN,L.W.GUDDAT | 2/93 | P |
| 1MCJ | * | IMMUNOGLOBULIN LAMBDA LIGHT CHAIN/N-ACETYL-D-PHE-L-HIS-D-PRO-NH2 | A.B.EDMUNDSON,D.L.HARRIS,Z.-C.FAN,L.W.GUDDAT | 2/93 | P |
| 1MCE | * | IMMUNOGLOBULIN LAMBDA LIGHT CHAIN/ N-ACETYL-L-GLN-D-PHE-L-HIS-D-PRO-B-ALA-OH | A.B.EDMUNDSON,D.L.HARRIS,Z.-C.FAN,L.W.GUDDAT | 2/93 | P |
| 1MCC | * | IMMUNOGLOBULIN LAMBDA LIGHT CHAIN/ N-ACETYL-L-GLN-D-PHE-L-HIS-D-PRO-NH2 | A.B.EDMUNDSON,D.L.HARRIS,Z.-C.FAN,L.W.GUDDAT | 2/93 | P |
| 1MCB | * | IMMUNOGLOBULIN LAMBDA LIGHT CHAIN/ N-ACETYL-L-GLN-D-PHE-L-HIS-D-PRO-OH | A.B.EDMUNDSON,D.L.HARRIS,Z.-C.FAN,L.W.GUDDAT | 2/93 | P |
| 1MCF | * | IMMUNOGLOBULIN LAMBDA LT. CHAIN / N-ACETYL-L-GLN-D-PHE-L-HIS-D-PRO-B-ALA-B-ALA-OH | A.B.EDMUNDSON,D.L.HARRIS,Z.-C.FAN,L.W.GUDDAT | 2/93 | P |
| 1MCH | * | IMMUNOGLOBULIN LAMBDA LT. CHAIN/ N-ACETYL-L-GLN-D-PHE-L-HIS-D-PRO-B-ALA-B-ALA-OH | A.B.EDMUNDSON,D.L.HARRIS,Z.-C.FAN,L.W.GUDDAT | 2/93 | P |

**TABLE 8 - COORDINATE, NMR AND STRUCTURE FACTOR ENTRIES IN PREPARATION - APRIL 1993**

| *IDENT CODE* | | *MOLECULE* | *DEPOSITOR(S)* | *DATE* | *STATUS* |
|---|---|---|---|---|---|
| 1ABK | | ENDONUCLEASE III | C.F.KUO,D.E.MCREE,J.A.TAINER | 9/92 | P |
| 1END | | T4 ENDONUCLEASE V | K.MORIKAWA ET AL. | 6/92 | P |
| 1EDP | | ENDOTHELIN-1(NMR,MINIMIZED STRUCTURE) | N.H.ANDERSEN,C.CHEN | 12/91 | P |
| 1EED | | ENDOTHIAPEPSIN/PD125754 | T.L.BLUNDELL,C.FRAZAO,J.B.COOPER | 6/92 | P |
| 1SMR | * | ENDOTHIAPEPSIN/INHIBITOR PD130328 | C.G.DEALWIS,T.L.BLUNDELL | 3/92 | P |
| 1BBO | | HUMAN ENHANCER BINDING PROTEIN MUTANT(C11ABU) (NMR,60 STRUCTURES) | G.M.CLORE,J.G.OMICHINSKI,A.M.GRONENBORN | 5/92 | P |
| 1EPS | | 5-ENOL-PYRUVYL-3-PHOSPHATE SYNTHASE | W.STALLINGS | 4/91 | AP |
| 1LTS | | HEAT-LABILE ENTEROTOXIN | T.K.SIXMA,W.G.J.HOL | 7/92 | P |
| 1LTT | | HEAT-LABILE ENTEROTOXIN | T.K.SIXMA,W.G.J.HOL | 7/92 | P |
| 1EGF | | EPIDERMAL GROWTH FACTOR(NMR,32 STRUCTURES) | G.T.MONTELIONE,K.WUETHRICH,A.W.BURGESS, E.C.NICE,G.WAGNER,K.D.GIBSON,H.A.SCHERAGA | 10/91 | P |
| 3EGF | | EPIDERMAL GROWTH FACTOR(MOUSE)(NMR,16 STRUCTURES) | G.T.MONTELIONE,K.WUETHRICH,A.W.BURGESS, E.C.NICE,G.WAGNER,K.D.GIBSON,H.A.SCHERAGA | 8/92 | P |
| 1EPG | | EPIDERMAL GROWTH FACTOR(NMR,PH 2.0,AVRG) | D.KOHDA,F.INAGAKI | 3/92 | P |
| 1EPH | | EPIDERMAL GROWTH FACTOR(NMR,10 STRUCTURES) | D.KOHDA,F.INAGAKI | 3/92 | P |
| 1EPI | | EPIDERMAL GROWTH FACTOR(NMR,PH 6.8,AVRG) | D.KOHDA,F.INAGAKI | 3/92 | P |
| 1EPJ | | EPIDERMAL GROWTH FACTOR(NMR,5 STRUCTURES) | D.KOHDA,F.INAGAKI | 3/92 | P |
| 1IFC | | FATTY ACID BINDING PROTEIN(APO FORM 2) | G.SCAPIN,J.I.GORDON,J.C.SACCHETTINI | 12/91 | P |
| 2HMB | | FATTY ACID BINDING PROTEIN(HOLO FORM) | G.ZANOTTI,G.SCAPIN,P.SPADON,J.H.VEERKAMP, J.C.SACCHETTINI | 9/92 | P |
| 1FDD | * | FERREDOXIN MUTANT(D15N) | C.D.STOUT | 1/93 | P |
| 1MDC | | FATTY ACID BINDING PROTEIN | M.BENNING,H.M.HOLDEN | 7/92 | P |
| 4FGF | * | FIBROBLAST GROWTH FACTOR(BASIC) | A.E.ERIKSSON,B.W.MATTHEWS | 2/93 | P |
| 1FIA | | FIS | D.KOSTREWA | 12/91 | P |
| 3FIS | | FIS | H.S.YUAN,S.E.FINKEL,J.-A.FENG,R.C.JOHNSON, R.E.DICKERSON | 8/91 | P |
| 4FIS | | FIS MUTANT(R89C) | H.S.YUAN,S.E.FINKEL,J.-A.FENG,R.C.JOHNSON, R.E.DICKERSON | 8/91 | P |
| 1TEN | | FIBRONECTIN TYPE III | D.J.LEAHY,W.A.HENDRICKSON,I.AUKHIL,H.P.ERICKSON | 8/92 | P |
| 1FPA | | FIBRINOPEPTIDE A FRAGMENT(NMR) | F.NI,K.GIBSON,H.SCHERAGA | 12/90 | P |
| 2FPA | | FIBRINOPEPTIDE A FRGMT MUTANT(G12V)(NMR) | F.NI,K.GIBSON,H.SCHERAGA | 12/90 | P |
| 1BAR | | FIBROBLAST GROWTH FACTOR(ACIDIC,BOVINE) MUTANT(C47A,H93G) | X.ZHU,H.KOMIYA,A.CHIRINO,S.FAHAM,G.M.FOX, T.ARAKAWA,B.T.HSU,D.C.REES | 9/92 | P |
| 1BAS | | FIBROBLAST GROWTH FACTOR(BASIC,HUMAN) MUTANT(C70S,C88S) | A.J.CHIRINO,D.C.REES | 9/92 | P |
| 1FKB | | FK506 BINDING PROTEIN/RAPAMYCIN | G.D.VANDUYNE,R.F.STANDAERT,S.L.SCHREIBER, J.C.CLARDY | 7/92 | P |
| 1FKR | | FK506/RAPAMYCIN-RECEPTOR(NMR,20 STRUCTURES) | S.MICHNICK ET AL. | 3/92 | P |
| 1FKS | | FK506/RAPAMYCIN-RECEPTOR(NMR,AV) | S.MICHNICK ET AL. | 3/92 | P |
| 1FKT | | FK506/RAPAMYCIN-RECEPTOR(NMR,AV) | S.MICHNICK ET AL. | 3/92 | P |
| 1FLV | | FLAVODOXIN(ANABAENA 7120) | M.SUNDARALINGAM | 7/92 | P |
| 1OFV | | FLAVODOXIN(ANACYSTIS NIDULANS,OXIDIZED) | W.W.SMITH,K.A.PATTRIDGE,C.L.LUSCHINSKY,M.L.LUDWIG | 6/92 | P |
| 2FX2 | | FLAVODOXIN(D.VULGARIS,ROOM TEMPERATURE) | W.WATT,K.WATENPAUGH | 10/91 | P |
| 3FX2 | | FLAVODOXIN(D.VULGARIS,-150C,OXIDIZED) | W.WATT,K.WATENPAUGH | 10/91 | P |
| 4FX2 | | FLAVODOXIN(D.VULGARIS,-150C,SEMIQUINONE) | W.WATT,K.WATENPAUGH | 10/91 | P |
| 5FX2 | | FLAVODOXIN(D.VULGARIS,-150C,HYDROQUINONE) | W.WATT,K.WATENPAUGH | 10/91 | P |
| 1FBA | | FRUCTOSE-1,6-BISPHOSPHATE ALDOLASE | G.HESTER,K.PIONTEK,O.BRENNER-HOLZACH | 6/92 | P |
| 1FBC | | FRUCTOSE-1,6-BISPHOSPHATASE/2,5-ANHYDROMANNITOL-1, 6-BISPHOSPHATE/MAGNESIUM | Y.ZHANG,J.-Y.LIANG,S.HUANG,H.KE,W.N.LIPSCOMB | 10/92 | P |
| 1FBD | | FRUCTOSE-1,6-BISPHOSPHATASE/2,5-ANHYDROGLUCITOL-1, 6-BISPHOSPHATE/MANGANESE | Y.ZHANG,J.-Y.LIANG,S.HUANG,H.KE,W.N.LIPSCOMB | 10/92 | P |
| 1FBE | | FRUCTOSE-1,6-BISPHOSPHATASE/2,5-ANHYDROGLUCITOL-1, 6-BISPHOSPHATE/ZINC | Y.ZHANG,J.-Y.LIANG,S.HUANG,H.KE,W.N.LIPSCOMB | 10/92 | P |
| 1FBF | | FRUCTOSE-1,6-BISPHOSPHATASE/2,5-ANHYDROGLUCITOL-1, 6-BISPHOSPHATE/MAGNESIUM | Y.ZHANG,J.Y.LIANG,S.HUANG,H.KE,W.N.LIPSCOMB | 10/92 | P |
| 1FBG | | FRUCTOSE-1,6-BISPHOSPHATASE/2,5-ANHYDROMANNITOL-1, 6-BISPHOSPHATE/MANGANESE | Y.ZHANG, J.-Y.LIANG,S.HUANG,H.KE,W.N.LIPSCOMB | 10/92 | P |
| 1FPB | | FRUCTOSE-1,6-BISPHOSPHATASE/FRU-2,6-P2 | W.LIPSCOMB ET AL. | 2/92 | P |
| 1FBH | | FRUCTOSE-1,6-BISPHOSPHATASE/FRUCTOSE-1,6-BISPHOSPHATE | Y.ZHANG,J.-Y.LIANG,S.HUANG,H.KE,W.N.LIPSCOMB | 10/92 | P |
| 1FVC | | FV FRAGMENT OF HUMANIZED ANTIBODY 4D5(VERSION 8) | C.EIGENBROT,M.RANDAL,A.A.KOSSIAKOFF | 10/92 | P |
| 1FVD | | FV FRAGMENT OF HUMANIZED ANTIBODY 4D5(VERSION 4) | C.EIGENBROT,M.RANDAL,A.A.KOSSIAKOFF | 10/92 | P |
| 1FVE | | FV FRAGMENT OF HUMANIZED ANTIBODY 4D5(VERSION 7) | C.EIGENBROT,M.RANDAL,A.A.KOSSIAKOFF | 10/92 | P |
| 1CGP | | CATABOLITE GENE ACTIVATOR PROTEIN/DNA | S.G.SCHULTZ,G.C.SHIELDS,T.A.STEITZ | 8/91 | P |
| 1GLY | | GLUCOAMYLASE(ASPERGILLUS AWAMORI) | R.HONZATKO ET AL. | 1/92 | P |
| 1DOG | * | GLUCOAMYLASE-471/1-DEOXYNOJIRIMYCIN | E.HARRIS,A.ALESHIN,L.FIRSOV,R.B.HONSATKO | 1/93 | P |
| 1GRD | | GLUCOCORTICOID RECEPTOR DNA-BINDING DOMAIN/DNA | B.F.LUISI,W.X.XU,P.B.SIGLER | 7/91 | P |
| 1GLU | * | GLUCOCORTICOID RECEPTOR DNA-BINDING DOMAIN/DNA | B.LUISI,W.XU,P.SIGLER | 8/92 | P |
| 1GAL | | GLUCOSE OXIDASE | H.J.HECHT,K.KALISZ,J.HENDLE,R.D.SCHMID, D.SCHOMBURG | 8/92 | P |
| 1GPR | | GLUCOSE PERMEASE(IIA DOMAIN)(B.SUBTILIS) | D.-I.LIAO,O.HERZBERG | 9/91 | P |
| 1AAZ | | GLUTAREDOXIN(T4) | H.EKLUND ET AL. | 4/92 | P |
| 1EGO | | GLUTAREDOXIN(OXIDIZED)(NMR,20 STRUCTURES) | T.-H.XIA,J.H.BUSHWELLER,P.SODANO,M.BILLETER, O.BJORNBERG,A.HOLMGREN,K.WUTHRICH | 10/91 | P |
| 1EGR | | GLUTAREDOXIN(REDUCED)(NMR,20 STRUCTURES) | P.SODANO,T.-H.XIA,J.H.BUSHWELLER,O.BJORNBERG, A.HOLMGREN,M.BILLETER,K.WUTHRICH | 10/91 | P |
| 1GST | | GLUTATHIONE S-TRANSFERASE/GLUTATHIONE | GILLILAND,ARMSTRONG,JI | 3/92 | P |
| 1GRF | * | GLUTATHIONE REDUCTASE(CARBOXAMIDOMETHYLATED) | P.A.KARPLUS,G.E.SCHULZ | 12/92 | P |
| 1GRG | * | GLUTATHIONE REDUCTASE/BCNU | P.A.KARPLUS,G.E.SCHULZ | 12/92 | P |
| 1GRB | * | GLUTATHIONE REDUCTASE/NADH | P.A.KARPLUS,G.E.SCHULZ | 12/92 | P |
| 1GRE | * | GLUTATHIONE REDUCTASE/GLUTATHIONE(REDUCED) | P.A.KARPLUS,G.E.SCHULZ | 12/92 | P |
| 1GRA | * | GLUTATHIONE REDUCTASE/GSSG/NADP+ | P.A.KARPLUS,G.E.SCHULZ | 12/92 | P |
| 1GGA | | G-GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE(HOLO) | F.M.D.VELLIEUX,J.HAJDU,W.G.J.HOL | 10/91 | P |
| 1GLA | | GLYCEROL KINASE/GLYCEROL/ GLUCOSE-SPECIFIC FACTOR III | J.HURLEY,D.WORTHYLAKE,H.FABER,N.MEADOW, S.ROSEMAN,D.PETTIGREW,S.REMINGTON | 10/92 | P |
| 1GLB | | GLYCEROL KINASE/GLYCEROL/ADP GLUCOSE-SPECIFIC FACTOR III | J.HURLEY,D.WORTHYLAKE,H.FABER,N.MEADOW, S.ROSEMAN,D.PETTIGREW,S.REMINGTON | 10/92 | P |
| 1GRC | | GLYCINAMIDE RIBONUCLEOTIDE TRANSFORMYLASE | P.CHEN,I.A.WILSON | 7/92 | P |

**TABLE 8 - COORDINATE, NMR AND STRUCTURE FACTOR ENTRIES IN PREPARATION - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 1PHF | | CYTOCHROME P450CAM(PSEUDOMONAS PUTIDA) CAMPHOR MONOXYGENASE/4-PHENYL IMIDAZOLE | T.L.POULOS | 7/92 | P |
| 1PHG | | CYTOCHROME P450CAM(PSEUDOMONAS PUTIDA) CAMPHOR MONOXYGENASE/METYRAPONE | T.L.POULOS | 7/92 | P |
| 2DTB | | DELTA-TOXIN(NMR,9 STRUCTURES) | C.M.BLADON,P.BLADON,J.A.PARKINSON | 9/92 | P |
| 3DNI | | DEOXYRIBONUCLEASE I | C.OEFNER,D.SUCK | 8/92 | P |
| 2DNJ | | DEOXYRIBONUCLEASE I/DNA(GCGATCGC) | A.LAHM,D.SUCK | 8/92 | P |
| 1DNK | | DEOXYRIBONUCLEASE I/DNA(GGTATACC) | S.WESTON,A.LAHM,D.SUCK | 8/92 | P |
| 3DRC | | DIHYDROFOLATE REDUCTASE | S.J.OATLEY,J.KRAUT | 9/92 | P |
| 1DRA | | DIHYDROFOLATE REDUCTASE MUTANT(D27E) | S.OATLEY,J.KRAUT | 11/91 | P |
| 1DRB | | DIHYDROFOLATE REDUCTASE MUTANT(D27C) | C.DAVID,J.KRAUT | 11/91 | P |
| 2DRC | * | DIHYDROFOLATE REDUCTASE MUTANT(W22F) | K.A.BROWN,J.KRAUT | 6/91 | P |
| 1DR1 | | DIHYDROFOLATE REDUCTASE/NADP+/BIOPTERIN | M.A.MCTIGUE,J.F.DAVIES II,B.T.KAUFMAN,N.H.XUONG, J.KRAUT | 3/92 | P |
| 1DR2 | | DIHYDROFOLATE REDUCTASE/THIO-NADP+ | M.A.MCTIGUE,J.F.DAVIES II,B.T.KAUFMAN,N.H.XOUNG, J.KRAUT | 9/91 | P |
| 1DR3 | | DIHYDROFOLATE REDUCTASE/THIO-NADP+/BIOPTERIN | M.A.MCTIGUE,J.F.DAVIES II,B.T.KAUFMAN,N.H.XUONG, J.KRAUT | 9/91 | P |
| 1DR4 | | DIHYDROFOLATE REDUCTASE(METHYL MERCURY AT CYS11)/NADP+ | M.A.MCTIGUE,J.F.DAVIES II,B.T.KAUFMAN,N.H.XUONG, J.KRAUT | 9/91 | P |
| 1DR5 | | DIHYDROFOLATE REDUCTASE(METHYL MERCURY AT CYS11)/NADP+/ BIOPTERIN | M.A.MCTIGUE,J.F.DAVIES II,B.T.KAUFMAN,N.H.XUONG J.KRAUT | 9/91 | P |
| 1DR6 | | DIHYDROFOLATE REDUCTASE/MERCURIBENZOATE/NADP+/BIOPTERIN | M.A.MCTIGUE,J.F.DAVIES II,B.T.KAUFMAN,N.H.XUONG, J.KRAUT | 9/91 | P |
| 1DR7 | | DIHYDROFOLATE REDUCTASE/MERCURIBENZOATE/NADP | M.A.MCTIGUE,J.F.DAVIES II,B.T.KAUFMAN,N.H.XUONG, J.KRAUT | 9/91 | P |
| 1EAA | * | DIHYDROLIPOAMIDE ACETYLTRANSFERASE(CATALYTIC DOMAIN) | A.MATTEVI,W.G.J.HOL | 12/92 | P |
| 1EAD | * | DIHYDROLIPOAMIDE ACETYLTRANSFERASE(CATALYTIC DOMAIN)/COA | A.MATTEVI,W.HOL | 12/92 | P |
| 1EAC | * | DIHYDROLIPOAMIDE ACETYLTRANSFERASE(CATALYTIC DOMAIN)/COA/DTT | A.MATTEVI,W.HOL | 12/92 | P |
| 1EAB | * | DIHYDROLIPOAMIDE ACETYLTRANSFERASE(CATALYTIC DOMAIN)/COA/ LIPOAMIDE | A.MATTEVI,W.HOL | 12/92 | P |
| 1EAE | * | DIHYDROLIPOAMIDE ACETYLTRANSFERASE(CATALYTIC DOMAIN)/LIPOAMIDE | A.MATTEVI,W.HOL | 12/92 | P |
| 1EAF | * | DIHYDROLIPOAMIDE ACETYLTRANSFERASE(CATALYTIC DOMAIN)/SO2OH | A.MATTEVI,W.HOL | 12/92 | P |
| 1LVL | * | DIHYDROLIPOAMIDE DEHYDROGENASE/NAD+ | A.MATTEVI,W.G.J.HOL | 12/92 | P |
| 1BAL | | DIHYDROLIPOAMIDE SUCCINYLTRANSFERASE(E3-BINDING DOMAIN) (NMR,AVERAGE STRUCTURE) | G.M.CLORE | 2/92 | P |
| 1BBL | | DIHYDROLIPOAMIDE SUCCINYLTRANSFERASE(E3-BINDING DOMAIN) (NMR,MIN.AVE.STRUCTURE) | G.M.CLORE,M.A.ROBIEN,A.M.GRONENBORN | 2/92 | P |
| 1DHR | | DIHYDROPTERIDINE REDUCTASE | K.VARUGHESE,M.SKINNER,J.WHITELEY,D.MATTHEWS, N.XUONG | 3/92 | P |
| 1DA1 | * | DNA((BR)UGCGCG) | T.BROWN,G.KNEALE,W.N.HUNTER,O.KENNARD | 11/92 | P |
| 1D83 | | DNA(AAGGCCTT)/CHROMYCIN A=3=(NMR,1 STRUCTURE) | X.GAO,P.MIRAU,D.J.PATEL | 7/92 | P |
| 1D62 | | DNA(CCAACITTGG) | A.A.LIPANOV,M.L.KOPKA,M.KACZOR-GRZESKOWIAK, J.QUINTANA,R.E.DICKERSON | 3/92 | P |
| 1DA0 | * | DNA(CGATCG)/DAUNOMYCIN | M.H.MOORE,W.N.HUNTER,B.L.D'ESTAINTOT,O.KENNARD | 11/92 | P |
| 1D67 | | DNA(TGATCA)/IDARUBICIN | B.GALLOIS,B.LANGLOIS D'ESTAINTOT,T.BROWN, W.N.HUNTER | 3/92 | P |
| 2DA8 | * | DNA(GATATC)/[N-MECYS3,N-MECYS7]TANDEM(NMR,8 STRUCTURES) | K.J.ADDESS,J.S.SINSHEIMER,J.FEIGON | 4/93 | P |
| 1D55 | | DNA(GAAGCTTC)/ACTINOMYCIN D | KAMITORI,TAKUSAGAWA | 2/92 | P |
| 1D80 | | DNA(CGCGAATTGGCG) | J.V.SKELLY,K.J.EDWARDS,S.NEIDLE | 6/92 | P |
| 1D85 | | DNA(CGC(O6-ETHYL-G)AATTCGCG)/NETROPSIN (MG++ FORM) | M.SRIRAM,A.H.-J.WANG | 8/92 | P |
| 1D98 | * | DNA(CGCAAAAAAGCG) | H.C.M.NELSON,J.T.FINCH,B.F.LUISI,A.KLUG | 11/92 | P |
| 1D99 | * | DNA(CGCAAATTCGCG) | W.N.HUNTER,T.BROWN,O.KENNARD | 11/92 | P |
| 111D | * | DNA(CGCAAATTGGCG) | T. BROWN | 1/93 | P |
| 1DA2 | * | DNA(CGCG(ME4)CG) | L.VAN MEERVELT,M.H.MOORE,P.K.T.LIN,D.M.BROWN, O.KENNARD | 11/92 | P |
| 1D89 | * | DNA(CGCGAAAAAACG)(BROMINATED) | A.DIGABRIELE,T.STEITZ | 7/92 | P |
| 112D | * | DNA(CGCGAATTAGCG) | T. BROWN | 1/93 | P |
| 113D | * | DNA(CGCGAATTTGCG) | W.N.HUNTER | 1/93 | P |
| 114D | * | DNA(CGCIAATTAGCG) | P.W.R.CORFIELD | 1/93 | P |
| 2DES | * | DNA(CGTACG)/3'-DESAMINO-(2-METHOXY-4-MORPHOLINYL)-DOXORUBICIN | M.CIRILLI,F.BACHECHI,G.UGHETTO,F.P.COLONNA, M.L.CAPOBIANCO | 3/93 | P |
| 1D86 | | DNA(CGCGAATTCGCG)/NETROPSIN COMPLEX (MG++ FORM) | M.SRIRAM,A.H.-J.WANG | 8/92 | P |
| 1D93 | * | DNA(CTCTAGAG) | W.N.HUNTER,B.L.D'ESTAINTOT,O.KENNARD | 11/92 | P |
| 1DA4 | * | DNA(CTCTAGTGCTCAC)(NMR,2 STRUCTURES) | C.J.VAN GARDEREN,D.G.PATEL,L.P.A.VAN HOUTE | 1/93 | P |
| 1D97 | * | DNA(GCGCGC) | W.B.T.CRUSE,S.A.SALISBURY,T.BROWN,R.COSSTICK, F.ECKSTEIN,O.KENNARD | 11/92 | P |
| 1D94 | * | DNA(GGGCGCCC) | Z.SHAKKED,G.GUERSTEIN-GUZIKEVICH,M.EISENSTEIN, F.FROLOW,D.RABINOVICH | 11/92 | P |
| 1D95 | * | DNA(GGGCGCCC) | M.EISENSTEIN,H.HOPE,T.E.HARAN,F.FROLOW, Z.SHAKKED,D.RABINOVICH | 11/92 | P |
| 1D92 | * | DNA(GGGGCTCC) | W.N.HUNTER,G.KNEALE,T.BROWN,D.RABINOVICH, O.KENNARD | 11/92 | P |
| 1D91 | * | DNA(GGGGTCCC) | G.KNEALE,T.BROWN,O.DENNARD,D.RABINOVICH | 11/92 | P |
| 1D90 | * | DNA(GGIGCTCC) | W.B.T.CRUSE,J.AYMANI,O.KENNARD,T.BROWN, A.G.C.JACK,G.A.LEONARD | 11/92 | P |
| 118D | * | DNA(GTGCGCAC) | C.BINGMAN,X.LI,M.SUNDARALINGAM | 2/93 | P |
| 1DA5 | * | DNA(GTGAGCACTAGAG)(NMR,2 STRUCTURES) | C.J.VANGARDEREN,D.G.PATEL,L.P.A.VAN HOUTE | 1/93 | P |
| 1D87 | | DNA-RNA CHIMERIC DUPLEX [R(G)D(CGTATACGC)]2 (RNA SYNTHETIC) | M.EGLI,N.USMAN,A.RICH | 8/92 | P |
| 1D88 | | DNA-RNA CHIMERIC DUPLEX [D(GCGT)R(A)D(TACGC)] (RNA SYNTHETIC) | M.EGLI,N.USMAN,A.RICH | 8/92 | P |
| 1ECH | * | ECHISTATIN | J.T.PELTON,R.A.ATKINSON,V.SAUDEK | 1/93 | P |
| 1RVE | | ECO RV ENDONUCLEASE | F.WINKLER ET AL. | 2/92 | P |
| 1IXA | | EGF-LIKE MODULE OF HUMAN FACTOR IX | D.NORMAN ET AL. | 11/91 | P |
| 9EST | | ELASTASE(PORCINE)/PEPTIDYL BENZOXALOSE | E.MEYER JR. ET AL. | 1/91 | P |
| 1PPF | | ELASTASE(HUMAN)/OVOMUCOID THIRD DOMAIN | W.BODE,A.WEI | 10/91 | P |
| 1EZM | | ELASTASE ZINC METALLOPROTEASE | D.B.MCKAY | 1/92 | P |
| 1PPG | | ELASTASE/MEO-SMC-AAPV-CHLOROMETHYLKETONE | W.BODE,A.WEI | 10/91 | P |

**TABLE 8 - COORDINATE, NMR AND STRUCTURE FACTOR ENTRIES IN PREPARATION - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 1BW4 | | BARWIN(NMR,20 STRUCTURES)(NOE,DIHEDRAL,HYDROGEN BOND RESTRAINTS) | F.M.POULSEN | 7/92 | P |
| 1BIA | | BIOTIN REPRESSOR | K.P.WILSON,L.M.SHEWCHUK,B.W.MATTHEWS | 7/92 | P |
| 1BIB | | BIOTIN REPRESSOR/BIOTINYLATED LYSINE | K.P.WILSON,L.M.SHEWCHUK,B.W.MATTHEWS | 7/92 | P |
| 1APO | | BLOOD COAGULATION FACTOR X N-TERMINAL EGF-LIKE MODULE(NMR,13 STRUCTURES) | M.ULLNER,M.SELANDER,E.PERSSON,J.STENFLO, T.DRAKENBERG,O.TELEMAN | 4/92 | P |
| 1BBA | | BOVINE PANCREATIC POLYPEPTIDE(NMR) | C.DOBSON ET AL. | 3/92 | P |
| 1NBT | | BUNGAROTOXIN(NEURONAL)(NMR,12 STRUCTURES) | R.E.OSWALD,M.J.SUTCLIFFE,M.BAMBERGER, R.H.LORING,E.BRASWELL,C.M.DOBSON | 10/91 | P |
| 2SCP | | SARCOPLASMIC CALCIUM-BINDING PROTEIN | W.COOK,S.VIJAY-KUMAR | 8/91 | P |
| 4ICB | | CALBINDIN D9K(BOVINE) | L.A.SVENSSON | 8/91 | P |
| 1CB1 | | CALBINDIN D9K(PORCINE)(NMR,14 STRUCTURES) | AKKE,DRAKENBERG,CHAZIN | 12/91 | P |
| 2BBM | | CALMODULIN/CALMODULIN-BINDING DMN OF RABBIT SKELETAL MYOSIN LT CHAIN KINASE(NMR) | G.M.CLORE,A.BAX,M.IKURA,A.M.GRONENBORN | 7/92 | P |
| 1CLL | | CALMODULIN(VERTEBRATE RECOMBINANT) | R.CHATTOPADHYAYA,F.A.QUIOCHO | 9/92 | P |
| 1CLM | * | CALMODULIN(WILD TYPE) | M.SUNDARALAINGAM | 1/93 | P |
| 4CAC | | CARBONIC ANHYDRASE II FORM C(PH 6) | M.LINDHAL,D.HABASH,S.HARROP,D.R.HELLIWELL, A.LILJAS | 9/91 | P |
| 5CAC | | CARBONIC ANHYDRASE II FORM C/HSO3 ANION | M.LINDHAL,D.HABASH,S.HARROP,D.R.HELLIWELL, A.LILJAS | 3/92 | P |
| 1CAN | | CARBONIC ANHYDRASE/NITRATE | S.MANGANI,K.HAKANSSON | 7/92 | P |
| 1CAO | | CARBONIC ANHYDRASE II/HYDROGEN SULFIDE | S.MANGANI,K.HAKANSSON | 7/92 | P |
| 1CAH | | CARBONIC ANHYDRASE/BICARBONATE | K.HAKANSSON,A.WEHNERT | 6/92 | P |
| 1CRA | | CARBONIC ANHYDRASE/1,2,4-TRIAZOLE | S.MANGANI,A.LILJAS | 10/92 | P |
| 1BIC | | CARBONIC ANHYDRASE MUTANT(T200H)/BICARBONATE | Y.XUE,J.VIDGREN,L.A.SVENSSON,A.LILJAS, B.H.JONSSON,S.LINDSKOG | 9/92 | P |
| 2CBA | | CARBONIC ANHYDRASE II (PH 7.8) | K.HAKANSSON,M.CARLSSON,L.A.SVENSSON,A.LILJAS | 6/92 | P |
| 2CBB | | CARBONIC ANHYDRASE II (PH 6.0) | K.HAKANSSON,M.CARLSSON,L.A.SVENSSON,A.LILJAS | 6/92 | P |
| 2CBE | | CARBONIC ANHYDRASE II (APOENZYME) | K.HAKANSSON,M.CARLSSON,L.A.SVENSSON,A.LILJAS | 6/92 | P |
| 2CBD | | CARBONIC ANHYDRASE II/BISULFITE | K.HAKANSSON,M.CARLSSON,L.A.SVENSSON,A.LILJAS | 6/92 | P |
| 2CBC | | CARBONIC ANHYDRASE II/FORMATE | K.HAKANSSON,M.CARLSSON,L.A.SVENSSON,A.LILJAS | 6/92 | P |
| 1CAI | | CARBONIC ANHYDRASE II MUTANT(E106A)/SULFATE | Y.XUE,A.LILJAS,B.H.JONSSON,S.LINDSKOG | 9/92 | P |
| 1CAJ | | CARBONIC ANHYDRASE II MUTANT(E106D) | Y.XUE,A.LILJAS,B.H.JONSSON,S.LINDSKOG | 9/92 | P |
| 1CAK | | CARBONIC ANHYDRASE II MUTANT(E106Q)/SULFATE | Y.XUE,A.LILJAS,B.H.JONSSON,S.LINDSKOG | 9/92 | P |
| 1HVA | | CARBONIC ANHYDRASE II MUTANT(H94C) | R.S.ALEXANDER,D.W.CHRISTIANSON | 10/92 | P |
| 1CAL | | CARBONIC ANHYDRASE II MUTANT(T199A) | Y.XUE,A.LILJAS,B.H.JONSSON,S.LINDSKOG | 9/92 | P |
| 1CAM | | CARBONIC ANHYDRASE II MUTANT(T199A)/BICARBONATE | Y.XUE,A.LILJAS,B.H.JONSSON,S.LINDSKOG | 9/92 | P |
| 1DCA | * | CARBONIC ANHYDRASE II MUTANT(T199C) | J.A.IPPOLITO,D.W.CHRISTIANSON | 12/92 | P |
| 7CPA | | CARBOXYPEPTIDASE A/ZFVP(O)F | H.KIM,W.LIPSCOMB | 5/91 | P |
| 8CPA | | CARBOXYPEPTIDASE A/ZAGP(O)F | H.KIM,W.LIPSCOMB | 5/91 | P |
| 1CBX | | CARBOXYPEPTIDASE A/L-BENZYLSUCCINATE | MANGANI,CARLONI,ORIOLI | 10/91 | P |
| 1PBA | | CARBOXYPEPTIDASE B(ACTIVATION DOMAIN)(NMR) | K.WUTHRICH ET AL. | 11/91 | P |
| 1CPS | | CARBOXYPEPTIDASE A/SULFODIIMINE INHIBITOR | A.M.CAPPALONGA,R.S.ALEXANDER,D.W.CHRISTIANSON | 2/92 | P |
| 3SC2 | | SERINE CARBOXYPEPTIDASE II | D.I.LIAO,S.J.REMINGTON | 7/92 | P |
| 3CD4 | | CD4(HUMAN)(RESIDUES 1-182) | T.P.J.GARRETT,J.WANG,Y.YAN,S.C.HARRISON | 7/92 | P |
| 1CID | * | CD4(RAT,DOMAINS 3 AND 4) | R.L.BRADY,E.J.DODSON,G.LANGE | 1/93 | P |
| 1CD8 | | CD8(HUMAN) | D.J.LEAHY,R.AXEL,W.A.HENDRICKSON | 1/92 | P |
| 2CRD | * | CHARYBDOTOXIN(NMR,12 STRUCTURES) | F.BONTEMS,C.ROUMESTAND,B.GILQUIN,A.MENEZ, F.TOMA | 2/93 | P |
| 1ACB | | ALPHA-CHYMOTRYPSIN(BOVINE)/EGLIN C | M.BOLOGNESI ET AL. | 11/91 | P |
| 3CI2 | | CHYMOTRYPSIN INHIBITOR 2(BARLEY)(NMR) | F.POULSEN | 9/91 | P |
| 1CGI | | ALPHA-CHYMOTRYPSINOGEN A/PSTI VARIANT 3 | H.HECHT ET AL. | 10/91 | P |
| 1CGJ | | ALPHA-CHYMOTRYPSINOGEN A/PSTI VARIANT 4 | H.HECHT ET AL. | 10/91 | P |
| 1CCD | | CLARA CELL 17 KDA PROTEIN(RAT) | T.UMLAND ET AL. | 9/91 | P |
| 2CTX | | ALPHA COBRATOXIN(NAJA NAJA SIAMENSIS) | W.SAENGER,C.BETZEL ET AL. | 9/91 | P |
| 1CBN | | CRAMBIN | M.M.TEETER,S.M.ROE,N.H.HEO | 10/91 | P |
| 2BB2 | | CRYSTALLIN BETA-B2 | B.BAX,R.LAPATTO,V.NALINI,H.DRIESSEN,P.F.LINDLEY, D.MAHADEVAN,T.L.BLUNDELL,C.SLINGSBY | 9/92 | P |
| 3GCR | | CRYSTALLIN GAMMA IIIB | Y.N.CHIRGADZE,N.NEVSKAYA,E.VERNOSLOVA | 4/91 | P |
| 4GCR | | CRYSTALLIN GAMMA-B | C.SLINGSBY,S.NAJMUDIN,V.NALINI,H.DRIESSEN, T.BLUNDELL,D.MOSS,P.LINDLEY | 4/92 | P |
| 1CPL | * | CYCLOPHILIN | H.KE,L.D.ZYDOWSKY,J.LIU,C.T.WALSH | 9/91 | P |
| 1CYA | | CYCLOPHILIN A/CYCLOSPORIN A(NMR,21 STRUCTURES) | S.FESIK | 2/92 | P |
| 2CYS | | CYCLOSPORIN A/CYCLOPHILIN(NMR,ENERGY MINIMIZED STRUCTURE) | C.WEBER,G.WEIDER,B.VON FREYBERG,R.TRABER, W.BRAUN,H.WIDMER,K.WUTHRICH | 3/92 | P |
| 1YEA | | CYTOCHROME C(YEAST,ISO-2,REDUCED) | M.MURPHY,G.BRAYER | 10/91 | P |
| 1YEB | | CYTOCHROME C(YEAST B-2036 COMPOSITE,REDUCED) | M.MURPHY,G.BRAYER | 10/91 | P |
| 1BBH | | CYTOCHROME C'(CHROMATIUM VINOSUM) | Z.REN,D.E.MCREE | 5/92 | P |
| 1CTZ | * | CYTOCHROME C(ISOZYME 1) MUTANT (Y67F,C102T) | A.M.BERGHUIS,G.D.BRAYER | 2/93 | P |
| 1CTY | * | CYTOCHROME C(OXIDIZED) MUTANT(Y67F,C102T) | A.M.BERGHUIS,G.D.BRAYER | 2/93 | P |
| 1CCC | * | CYTOCHROME C PEROXIDASE MUTANT(D235A) | D.B.GOODIN,D.E.MCREE | 1/93 | P |
| 1CCB | * | CYTOCHROME C PEROXIDASE MUTANT(D235E) | D.B.GOODIN,D.E.MCREE | 1/93 | P |
| 1PCB | * | YEAST CYTOCHROME C PEROXIDASE (CCP)/HORSE HEART CYTOCHROME C | H.PELLETIER | 11/92 | P |
| 1CCA | * | CYTOCHROME C PEROXIDASE(YEAST,WILD TYPE) | D.B.GOODIN,D.E.MCREE | 1/93 | P |
| 1PCC | * | YEAST CYTOCHROME C PEROXIDASE/YEAST ISO-1-CYTOCHROME C | H.PELLETIER | 11/92 | P |
| 1PAC | * | CYTOCHROME C551(FE(II)) | D.J.DETLEFSEN,V.THANABAL,V.L.PECORARO,G.WAGNER | 5/92 | P |
| 1C53 | | CYTOCHROME C553(DESULFOVIBRIO VULGARIS) | A.NAKAGAWA ET AL. | 8/91 | P |
| 1PHA | | CYTOCHROME P450CAM(PSEUDOMONAS PUTIDACAMPHOR MONOXYGENASE/CAMPHOR(PLUS ISOMER) | T.L.POULOS | 7/92 | P |
| 1PHB | | CYTOCHROME P450CAM(PSEUDOMONAS PUTIDA)CAMPHOR MONOXYGENASE/CAMPHOR(MINUS ISOMER) | T.L.POULOS | 7/92 | P |
| 1PHC | | CYTOCHROME P450CAM(PSEUDOMONAS PUTIDA)CAMPHOR MONOXYGENASE | T.L.POULOS | 7/92 | P |
| 1PHD | | CYTOCHROME P450CAM(P.PUTIDA) CAMPHOR MONOXYGENASE/2-PHENYL IMIDAZOLE(STRUCT 1) | T.L.POULOS | 7/92 | P |
| 1PHE | | CYTOCHROME P450CAM(P.PUTIDA) CAMPHOR MONOXYGENASE/2-PHENYL IMIDAZOLE(STRUCT 2) | T.L.POULOS | 7/92 | P |

**TABLE 8 - COORDINATE, NMR AND STRUCTURE FACTOR ENTRIES IN PREPARATION - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| COORDINATE ENTRIES | | | | | |
| 1DTC | | ACETYL-DELTA-TOXIN(NMR,12 STRUCTURES) | C.M.BLADON,P.BLADON,J.A.PARKINSON | 10/92 | P |
| 1APW | | ACID PROTEINASE(PENICILLIUM JANTHINELLUM)/(IVA)-VAL-VAL-DIFLUOROSTATINE | A.R.SIELECKI,M.N.G.JAMES | 12/91 | P |
| 1APV | | ACID PROTEINASE(PENICILLIUM JANTHINELLUM)/(IVA)-VAL-VAL-DIFLUOROSTATONE | A.R.SIELECKI,M.N.G.JAMES | 12/91 | P |
| 1APT | | ACID PROTEINASE(PENICILLIUM JANTHINELLUM)/(IVA)-VAL-VAL-LYSTA-O-ET | A.R.SIELECKI,M.N.G.JAMES | 12/91 | P |
| 1APU | | ACID PROTEINASE(PENICILLIUM JANTHINELLUM)/(IVA)-VAL-VAL-STA-O-ET | A.R.SIELECKI,M.N.G.JAMES | 12/91 | P |
| 1PPL | | ACID PROTEINASE/PHOSPHONATE INHIBITOR(ST. 1) | M.FRASER,M.JAMES | 6/92 | P |
| 1PPM | | ACID PROTEINASE/PHOSPHONATE INHIBITOR(ST. 2) | M.FRASER,M.JAMES | 6/92 | P |
| 7ACN | | ACONITASE/ISOCITRATE | H.LAUBLE,M.C.KENNEDY,H.BINERT,C.D.STOUT | 9/91 | P |
| 1NIS | * | ACONITASE/NITROCITRATE | H.LAUBLE,M.C.KENNEDY,H.BINERT,C.D.STOUT | 1/93 | P |
| 8ACN | | ACONITASE/NITROISOCITRATE | H.LAUBLE,M.C.KENNEDY,H.BINERT,C.D.STOUT | 9/91 | P |
| 1NIT | * | ACONITASE/SULFATE | H.LAUBLE,M.C.KENNEDY,H.BINERT,C.D.STOUT | 1/93 | P |
| 1ACO | * | ACONITASE/TRANSACONITATE | C.D.STOUT | 1/93 | P |
| 1AEC | | ACTINIDIN/E-64 | K.VARUGHESE | 2/92 | P |
| 2ABD | * | ACYL-COENZYME A BINDING PROTEIN(NMR,20 STRUCTURES) | K.ANDERSEN,F.POULSEN | 3/93 | P |
| 1ACA | | ACYL-COENZYME A BINDING PROTEIN/PALMITOYL-COENZYME A | B.B.KRAGELUND,K.V.ANDERSEN,J.C.MADSEN,J.KNUDSEN | 11/92 | P |
| 1AKE | | ADENYLATE KINASE/INHIBITOR AP5A | C.W.MUELLER,G.E.SCHULZ | 11/91 | P |
| 1ALB | | ADIPOCYTE LIPID-BINDING PROTEIN | Z.XU,L.J.BANASZAK | 9/92 | P |
| 1CWG | | AGGLUTININ(ISOLECTIN 1)/T-5 SIALOGLYCOPEPTIDE OF GLYCOPHORIN A | C.S.WRIGHT | 2/92 | P |
| 2CWG | * | AGGLUTININ(ISOLECTIN 1)/T-5 SIALOGLYCOPEPTIDE OF GLYCOPHORIN A | C.S.WRIGHT | | P |
| 3HUD | * | ALCOHOL DEHYDROGENASE(BETA-1 ISOENZYME) | T.D.HURLEY,W.F.BOSRON.J.A.HAMILTON,L.M.AMZEL | 1/93 | P |
| 2HUD | | ALCOHOL DEHYDROGENASE(HUMAN) | M.AMZEL,T.HURLEY ET AL. | 9/91 | P |
| 1ADS | | ALDOSE REDUCTASE/NADPH | D.K.WILSON,F.A.QUIOCHO | 7/92 | P |
| 1NEA | | ALPHA TOXIN | S.ZINN-JUSTIN,C.ROUMESTAND,B.GILQUIN,F.BONTEMS,A.MENEZ,F.TOMA | 9/92 | P |
| 1ACH | | ALPHA 1-ANTICHYMOTRYPSIN | U.BAUMANN,R.HUBER,W.BODE,D.GROSSE,M.LESJAK,C.B.LAUREL | 1/91 | P |
| 1AAN | | AMICYANIN | L.CHEN,R.C.E.DURLEY,L.W.LIM,F.S.MATHEWS | 4/92 | P |
| 1AAJ | | APOAMICYANIN | R.C.E.DURLEY,L.CHEN,L.W.LIM,F.S.MATHEWS | 4/92 | P |
| 2AAA | | ALPHA-AMYLASE(ACID) | L.BRADY,A.M.BRZOZOWSKI,A.CEREWENDA,E.J.DODSON,G.G.DODSON | 2/91 | P |
| 6TAA | | TAKA-AMYLASE | H.J.SWIFT,L.BRADY,Z.S.DEREWENDA,E.J.DODSON,J.P.TURKENBURG,A.J.WILKINSON | 8/92 | P |
| 1BTC | * | BETA-AMYLASE/ALPHA-CYCLODEXTRIN | B.MIKAMI,E.J.HEHRE,M.SATO,Y.KATSUBE,M.HIROSE,Y.MORITA,J.C.SACCHETTINI | 2/93 | P |
| 1ALA | * | ANNEXIN V | D.A.WALLER,M.C.BEWLEY,R.HUBER | 1/93 | P |
| 1AVH | | ANNEXIN V(HEXAGONAL) | R.HUBER,R.BERENDES,A.BURGER,M.SCHNEIDER,A.KARSHIKOV,H.LUECKE,J.ROEMISCH,E.PAQUES | 10/91 | P |
| 1AVR | | ANNEXIN V(RHOMBOHEDRAL) | R.HUBER,R.BERENDES,A.BURGER,M.SCHNEIDER,A.KARSHIKOV,H.LUECKE,J.ROEMISCH,E.PAQUES | 10/91 | P |
| 1HOM | | ANTENNAPEDIA HOMEODOMAIN(NMR) | K.WUTHRICH ET AL. | 10/91 | P |
| 2HOA | | ANTENNAPEDIA PROTEIN (HOMEODOMAIN) MUTANT(C39S)(NMR,20 STRUCTURES) | P.GUNTERT,Y.Q.QIAN,G.OTTING,M.MULLER,W.J.GEHRING,K.WUTHRICH | 4/92 | P |
| 1ASO | * | ASCORBATE OXIDASE(REDUCED) | A.MESSERSCHMIDT,H.LUECKE,R.HUBER | 11/92 | P |
| 1ABE | | L-ARABINOSE-BINDING PROTEIN/L-ARABINOSE | F.A.QUIOCHO,N.K.VYAS | 4/92 | P |
| 1ASQ | * | ASCORBATE OXIDASE/AZIDE | A.MESSERSCHMIDT,H.LUECKE,R.HUBER | 11/92 | P |
| 1ABF | | L-ARABINOSE-BINDING PROTEIN/D-FUCOSE | D.K.WILSON,F.A.QUIOCHO | 4/92 | P |
| 1ASP | * | ASCORBATE OXIDASE/PEROXIDE | A.MESSERSCHMIDT,H.LUECKE,R.HUBER | 11/92 | P |
| 1AOZ | | ASCORBATE OXIDASE(ZUCCHINI) | A.MESSERSCHMIDT ET AL. | 1/92 | P |
| 2ECA | * | L-ASPARAGINASE(TYPE II) | A.L.SWAIN,M.JASKOLSKI,D.HONSSET,J.K.RAO,A.WLODAWER | 1/93 | P |
| 1SPA | * | ASPARTATE AMINOTRANSFERASE MUTANT(D222A) | Y.HINOUE,T.YANO,D.E.METZLER,I.MIYAHARA,K.HIROTSU,H.KAGAMIYAMA | 1/93 | P |
| 1AMA | | ASPARTATE AMINOTRANSFERASE/AMA | J.JANSONIUS ET AL. | 2/92 | P |
| 7AAT | | ASPARTATE AMINOTRANSFERASE/PLP (PH 7.5) | MCPHALEN,VINCENT,JANSONIUS | 12/91 | P |
| 8AAT | | ASPARTATE AMINOTRANSFERASE/PLP (PH 5.1) | MCPHALEN,VINCENT,JANSONIUS | 12/91 | P |
| 9AAT | | ASPARTATE AMINOTRANSFERASE/PMP (PH 7.5) | MCPHALEN,VINCENT,JANSONIUS | 12/91 | P |
| 1LIG | | ASPARTATE RECEPTOR(LIGAND-BINDING DOMAIN) MUTANT(N36C) | S.H.KIM,M.V.MILBURN,G.G.PRIVE,W.G.SCOTT,J.YEH | 12/91 | P |
| 2AT2 | | ASPARTATE TRANSCARBAMOYLASE | R.C.STEVENS,K.M.REINISCH,W.N.LIPSCOMB | 7/92 | P |
| 1RAA | | ASPARTATE TRANSCARBAMOYLASE(T STATE)/CTP (REFINEMENT 1) | R.P.KOSMAN,J.E.GOUAUX,W.N.LIPSCOMB | 8/92 | P |
| 1RAB | | ASPARTATE TRANSCARBAMOYLASE(T STATE)/CTP (REFINEMENT 2) | R.P.KOSMAN,J.E.GOUAUX,W.N.LIPSCOMB | 8/92 | P |
| 1RAC | | ASPARTATE TRANSCARBAMOYLASE(T STATE)/CTP (REFINEMENT 3) | R.P.KOSMAN,J.E.GOUAUX,W.N.LIPSCOMB | 8/92 | P |
| 1RAD | | ASPARTATE TRANSCARBAMOYLASE(T STATE)/CTP (REFINEMENT 4) | R.P.KOSMAN,J.E.GOUAUX,W.N.LIPSCOMB | 8/92 | P |
| 1RAE | | ASPARTATE TRANSCARBAMOYLASE(T STATE)/CTP (REFINEMENT 5) | R.P.KOSMAN,J.E.GOUAUX,W.N.LIPSCOMB | 8/92 | P |
| 1AVI | * | AVIDIN/BIOTIN | O.LIVNAH,E.BAYER,M.WILCHEK,J.SUSSMAN | 12/92 | P |
| 1RAF | | ASPARTATE TRANSCARBAMOYLASE(T STATE)/CTP (REFINEMENT 6) | R.P.KOSMAN,J.E.GOUAUX,W.N.LIPSCOMB | 8/92 | P |
| 1RAG | | ASPARTATE TRANSCARBAMOYLASE(T STATE)/CTP (REFINEMENT 7) | R.P.KOSMAN,J.E.GOUAUX,W.N.LIPSCOMB | 8/92 | P |
| 1RAH | | ASPARTATE TRANSCARBAMOYLASE(T STATE)/CTP (REFINEMENT 8) | R.P.KOSMAN,J.E.GOUAUX,W.N.LIPSCOMB | 8/92 | P |
| 1RAI | | ASPARTATE TRANSCARBAMOYLASE(T STATE)/CTP (REFINEMENT 9) | R.P.KOSMAN,J.E.GOUAUX,W.N.LIPSCOMB | 8/92 | P |
| 1AZC | | AZURIN(APO FORM) | E.BAKER,W.SHEPARD,R.KINGSTON | 12/92 | P |
| 1AZB | | AZURIN(COPPER-REMOVED) | E.BAKER,W.SHEPARD | 12/92 | P |
| 2AZU | | AZURIN MUTANT(H35L) | H.NAR,A.MESSERSCHMIDT,R.HUBER | 1/91 | P |
| 3AZU | | AZURIN MUTANT(H35Q) | A.MESSERSCHMIDT,H.NAR,R.HUBER | 1/91 | P |
| 1BAA | | BARLEY ENDOCHITINASE(26 KD) | P.J.HART,A.F.MONZINGO,M.P.READY,S.R.ERNST,J.D.ROBERTUS | 11/92 | P |
| 2BPA | | BACTERIOPHAGE PHIX174 CAPSID PROTEINS GPF,GPG,GPJ AND FOUR NUCLEOTIDES | M.G.ROSSMANN | 10/92 | P |
| 1BAC | | BACTERIORHODOPSIN(7-HELIX BUNDLE,ALL-TRANS RETINAL) | K.C.CHOU,L.GARLACCI,G.M.MAGGIORA,L.A.PARODI,M.W.SCHULZ | 7/92 | P |
| 1BAD | | BACTERIORHODOPSIN(7-HELIX BUNDLE,13-CIS RETINAL) | K.C.CHOU,L.GARLACCI,G.M.MAGGIORA,L.A.PARODI,M.W.SCHULZ | 7/92 | P |
| 1BW3 | | BARWIN(NMR,20 STRUCTURES)(NOE,DIHEDRAL RESTRAINTS) | F.M.POULSEN | 7/92 | P |

## TABLE 7 - CORRECTIONS TO COORDINATE ENTRIES AND PROGRAMS - APRIL 1993

The following data sets have had corrections applied. Please consult a copy of the "Protein Data Bank Atomic Coordinate and Bibliographic Entry Format Description" for a full description of REVDAT records.

| | *MODIFICATION NUMBER* | *CORRECTION DATE* | *IDENT CODE* | *MODIFICATION TYPE* | *CORRECTED RECORDS* |
|---|---|---|---|---|---|
| REVDAT | 10 | 15-APR-93 | 1FDXI | 3 | HET FORMUL HETATM |
| REVDAT | 11 | 15-APR-93 | 1HIPJ | 3 | HET FORMUL HETATM |
| REVDAT | 3 | 15-APR-93 | 1SICB | 3 | OBSLTE |
| REVDAT | 4 | 15-APR-93 | 2CYPC | 3 | SEQRES HELIX ATOM |
| REVDAT | 6 | 15-APR-93 | 5RSAE | 1 | REVDAT REMARK |
| REVDAT | 2 | 15-APR-93 | 1CCPA | 3 | REMARK SEQRES HELIX ATOM |
| REVDAT | 2 | 15-APR-93 | 2CCPA | 3 | REMARK SEQRES HELIX ATOM |
| REVDAT | 3 | 15-APR-93 | 3CCPB | 3 | REMARK SEQRES HELIX ATOM |
| REVDAT | 2 | 15-APR-93 | 4CCPA | 3 | REMARK SEQRES HELIX ATOM |
| REVDAT | 3 | 15-APR-03 | 2ER7B | 1 | JRNL |
| REVDAT | 2 | 15-APR-93 | 2FXBA | 3 | HET FORMUL HETATM |
| REVDAT | 2 | 15-APR-93 | 1CDPA | 1 | SITE |
| REVDAT | 2 | 15-APR-93 | 1ADAA | 2 | CONECT |
| REVDAT | 2 | 15-APR-93 | 1BN2A | 1 | SSBOND |
| REVDAT | 3 | 15-APR-93 | 1C2RB | 1 | REVDAT |
| REVDAT | 2 | 15-APR-93 | 1D32A | 1 | AUTHOR |

The following data sets have been replaced:

| | | | |
|---|---|---|---|
| OBSLTE | 15-APR-93 | 1SIC | 2SIC |

**TABLE 6 - NMR EXPERIMENTAL DATA ENTRIES - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | CODE |
|---|---|---|---|---|---|
| R1APSMR | | ACYLPHOSPHATASE(NMR,5 STRUCTURES) | V.SAUDEK,A.PASTORE,G.RAMPONI,R.J.P.WILLIAMS | 2/91 | M |
| R2BDSMR | | BDS-I(SEA ANEMONE)(NMR) | G.M.CLORE,P.C.DRISCOLL,A.M.GRONENBORN | 11/88 | M |
| R2CBHMR | | CELLOBIOHYDROLASE 1(NMR) | G.M.CLORE,A.M.GRONENBORN | 5/89 | M |
| R1C5AMR | | COMPLEMENT C5A(DES-ARG)(NMR,41 STRUCTURES) | M.P.WILLIAMSON,V.S.MADISON | 6/90 | M |
| R1HCCMR | | 16TH COMPLEMENT CONTROL PROTEIN OF FACTOR H (NMR, MINIMIZED AVERAGE STRUCTURE) | D.G.NORMAN,P.B.BARLOW,I.D.C.CAMPBELL | 11/90 | M |
| R1D18MR | | DNA(CATGCATG)(NMR,ENERGY MINIMIZED STRUCTURE) | J.D.BALEJA,B.D.SYKES | 8/90 | M |
| R1D19MR | | DNA(GTACGTAC)(NMR,ENERGY MINIMIZED STRUCTURE) | J.D.BALEJA,B.D.SYKES | 8/90 | M |
| R1D20MR | | DNA(TCTATCACCG)(NMR,ENERGY MINIMIZED STRUCTURE) | J.D.BALEJA,B.D.SYKES | 8/90 | M |
| R1D42MR | * | DNA(GTATATAC)(NMR,5 STRUCTURES) | U.SCHMITZ,T.JAMES | 5/91 | M |
| R1D70MR | * | DNA(GTATAATG)(NMR,4 STRUCTURES) | U.SCHMITZ,T.L.JAMES | 4/92 | M |
| R2HIRMR | | HIRUDIN(NMR) | G.M.CLORE,A.M.GRONENBORN | 12/88 | M |
| R2GF1MR | * | INSULIN-LIKE GROWTH FACTOR 1(NMR) | COOKE,HARVEY,CAMPBELL | 1/91 | M |
| R6I1BMR | | INTERLEUKIN 1B(NMR,MINIMIZED AVERAGE STRUCTURE) | G.M.CLORE,A.M.GRONENBORN | 1/91 | M |
| R1ITLMR | * | INTERLEUKIN 4(HUMAN)(NMR) | C.DOBSON ET AL. | 2/92 | M |
| R2IL8MR | | INTERLEUKIN 8(NMR) | G.M.CLORE | 3/90 | M |
| R1MHUMR | | METALLOTHIONEIN(HUMAN)(NMR) | W.BRAUN,B.A.MESSERLE,A.SCHAEFFER,M.VASAK, J.H.R.KAEGI, K.WUTHRICH | 5/90 | M |
| R1MRBMR | | METALLOTHIONEIN(RABBIT)(NMR) | W.BRAUN,A.ARSENIEV,P.SCHULTZE,E.WOERGOETTER, G.WAGNER, M.VASAK,J.H.R.KAEGI,K.WUTHRICH | 5/90 | M |
| R1MRTMR | | METALLOTHIONEIN(RAT)(NMR) | W.BRAUN,P.SCHULTZE,E.WOERGOETTER,G.WAGNER, M.VASAK, J.H.R.KAEGI,K.WUTHRICH | 5/90 | M |
| R1SH1MR | | NEUROTOXIN 1(NMR) | R.H.FOGH,R.S.NORTON | 5/90 | M |
| R1HSPMR | * | PHOSPHOLIPASE C(SH3 DOMAIN)(NMR,11 STRUCTURES) | D.KOHDA,H.HATANAKA,M.ODAKA,F.INAGAKI | 12/92 | M |
| R1GB1MR | * | PROTEIN G(B1 DOMAIN)(GROUP G STREPTOCOCCUS) (NMR,60 STRUCTURES) | A.M.GRONENBORN,G.M.CLORE | 9/91 | M |
| R1BUSMR | | PROTEINASE INHIBITOR IIA(NMR,5 STRUCTURES) | P.GUNTERT,M.P.WILLIAMSON,T.F.HAVEL,K.WUTHRICH | 5/90 | M |
| R2AITMR | | TENDAMISTAT(NMR) | A.D.KLINE,W.BRAUN,P.GUNTERT,M.BILLETER,K.WUTHRICH | 5/89 | M |
| R3TRXMR | | THIOREDOXIN(HUMAN,NMR) | J.D.FORMAN-KAY,G.M.CLORE,A.M.GRONENBORN | 12/90 | M |
| R1ATXMR | | TOXIN ATX IA(SEA ANEMONE)(NMR,8 STRUCTURES) | M.BILLETER,H.WIDMER,K.WUTHRICH | 5/90 | M |
| R2TGFMR | * | TRANSFORMING GROWTH FACTOR(NMR) | I.CAMPBELL ET AL. | 1/91 | M |
| R2ETIMR | | TRYPSIN INHIBITOR EETI II(NMR) | A.HEITZ,L.CHICHE,D.LE-NGUYEN,B.CASTRO | 7/91 | M |
| R3CTIMR | | TRYPSIN INHIBITOR(SQUASH)(NMR) | M.NILGES,J.HABAZETTL,A.T.BRUENGER,T.A.HOLAK | 3/91 | M |
| R1ZNFMR | | ZINC FINGER(NMR) | M.S.LEE,G.P.GIPPERT,K.V.SOMAN,D.A.CASE,P.E.WRIGHT | 9/89 | M |
| R3ZNFMR | | ZINC FINGER(NMR) | A.M.GRONENBORN,G.M.CLORE,J.G.OMICHINSKI | 7/90 | M |

* New or replacement entry since January 1993 release

Status Codes:

M NMR restraints and other NMR experimental data

**TABLE 5 - STRUCTURE FACTOR HOLDINGS - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | CODE |
|---|---|---|---|---|---|
| R2SARSF | | RIBONUCLEASE SA(STREP.AUREOFACIENS)/GMP | J.SEVCIK,E.J.DODSON,G.G.DODSON | 12/90 | SF |
| R5RNTSF | | RIBONUCLEASE T1/GUANOSINE-3',5'-BISPHOSPHATE | W.SAENGER,U.HEINEMANN,A.LENZ | 4/91 | SF |
| R8RNTSF | | RIBONUCLEASE T1/ZN++ | J.DING,H.-W.CHOE,J.GRANZIN,W.SAENGER | 11/91 | SF |
| R9RNTSF | | RIBONUCLEASE T1/CA++ | J.MARTINEZ-OYANEDEL,U.HEINEMANN,W.SAENGER | 9/91 | SF |
| R1RGKSF | | RIBONUCLEASE T1 MUTANT(E46Q)/2'-AMP | J.GRANZIN,R.PURAS-LUTZKE,O.LANDT,H.-P.GRUNERT, U.HEINEMANN, W.SAENGER,U.HAHN | 2/92 | SF |
| R1RGLSF | | RIBONUCLEASE T1 MUTANT(E46Q)/2'-GMP | J.GRANZIN,R.PURAS-LUTZKE,O.LANDT,H.-P.GRUNERT, U.HEINEMANN,W.SAENGER,U.HAHN | 2/92 | SF |
| R2SNMSF | | STAPH NUCLEASE MUTANT(V66K) | W.STITES,A.GITTIS,E.LATTMAN,D.SHORTLE | 4/91 | SF |
| R9PTISF | | TRYPSIN INHIBITOR(BASIC,MET 52 OXIDIZED) | C.EIGENBROT,M.RANDAL,A.A.KOSSIAKOFF | 4/91 | SF |
| PART 11 - AVAILABLE ON NONST11TP | | | | | |
| R1D54SF | * | DNA(TGTACA)/4'-EPIADRIAMYCIN | G.A.LEONARD,T.BROWN,W.N.HUNTER | 1/92 | SF |
| R1D60SF | * | DNA(CCAACITTGG) | A.A.LIPANOV,M.L.KOPKA,M.KACZOR-GRZESKOWIAK, R.E.DICKERSON | 2/92 | SF |
| R1D61SF | * | DNA(CCAACITTGG) | A.A.LIPANOV,M.L.KOPKA,M.KACZOR-GRZESKOWIAK, R.E.DICKERSON | 2/92 | SF |
| R1D78SF | * | DNA(GTGTACAC)(A CONFORMATION,GROWN IN PRESENCE OF SPERMINE) | N.THOTA,X.H.LI,C.BINGMAN,M.SUNDARALINGAM | 6/92 | SF |
| R1D79SF | * | DNA(GTGTACAC)(A CONFORMATION,GROWN IN THE PRESENCE OF SPERMIDINE) | N.THOTA,X.H.LI,C.BINGMAN,M.SUNDARALINGAM | 6/92 | SF |
| R110DSF | * | DNA(CGGCCG)/DAUNOMYCIN | G.A.LEONARD,T.W.HAMBLEY,K.MCAULEY-HECHT,T.BROWN, W.N.HUNTER | 1/93 | SF |
| R116DSF | * | DNA(CCGTACGTACGG) | C.BINGMAN,M.SUNDARALINGAM | 2/93 | SF |
| R117DSF | * | DNA(GCGTACGTACGC) | C.BINGMAN,S.JAIN,M.SUNDARALINGAM | 2/93 | SF |

* New or replacement entry since January 1993 release

Codes:

SF Structure Factors

**TABLE 5 - STRUCTURE FACTOR HOLDINGS - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | CODE |
|---|---|---|---|---|---|
| R1D28SF | | DNA(CGTGAATTCACG) | N.NARAYANA,S.L.GINELL,I.M.RUSSU,H.M.BERMAN | 12/90 | SF |
| R28DNSF | | DNA(GTACGTAC) | C.COURSEILLE,A.DAUTANT,M.HOSPITAL, B.LANGLOIS D'ESTAINTOT, G.PRECIGOUX,D.MOLKO,R.TEOULE | 7/91 | SF |
| R1D26SF | | DNA(GCCC(G3P)GGC) | U.HEINEMANN | 9/90 | SF |
| R1D29SF | | DNA(CGTGAATTCACG,SYNTHETIC,0 DEG C) | T.A.LARSEN,M.L.KOPKA,R.E.DICKERSON | 1/91 | SF |
| R1D30SF | | DNA(CGCGAATTCGCG,SYNTHETIC)/DAPI | T.A.LARSEN,D.S.GOODSELL,D.CASCIO,K.GRZESKOWIAK, R.E.DICKERSON | 1/91 | SF |
| R1D39SF | | DNA(CGCGCG)/CUCL2 | T.F.KAGAWA,B.H.GEIERSTANGER,A.H.-J.WANG,P.S.HO | 5/91 | SF |
| R1D40SF | | DNA((5MC)GUA(5MC)G)/CUCL2 | B.H.GEIERSTANGER,T.F.KAGAWA,S.-L.CHEN,G.J.QUIGLEY,P.S.HO | 5/91 | SF |
| R1D41SF | | DNA((5MC)GUA(5MC)G) | G.ZHOU,P.S.HO | 5/91 | SF |
| R1D43SF | | DNA(CGCGAATTCGCG)/HOECHST 33258(0C) | J.R.QUINTANA,A.A.LIPANOV,R.E.DICKERSON | 5/91 | SF |
| R1D45SF | | DNA(CGCGAATTCGCG)/HOECHST 33258(-25C) | J.R.QUINTANA,A.A.LIPANOV,R.E.DICKERSON | 5/91 | SF |
| R1D46SF | | DNA(CGCGAATTCGCG)/HOECHST 33258/-100C | J.R.QUINTANA,A.A.LIPANOV,R.E.DICKERSON | 5/91 | SF |
| R1D49SF | | DNA(CGATTAATCG) | J.R.QUINTANA,K.GRZESKOWIAK,K.YANAGI,R.E.DICKERSON | 9/91 | SF |
| R3EBXSF | | ERABUTOXIN B(SEA SNAKE) | J.L.SMITH,P.W.R.CORFIELD,W.A.HENDRICKSON,B.W.LOW | 1/88 | SF |
| R1FXISF | | FERREDOXIN I | T.TSUKIHARA | 8/90 | SF |
| R4GR1SF | | GLUTATHIONE REDUCTASE/RETRO-GSSG | G.E.SCHULZ,W.JANES | 3/90 | SF |
| R2HMQSF | | HEMERYTHRIN(MET) | M.A.HOLMES,R.E.STENKAMP | 10/90 | SF |
| R2HMZSF | | HEMERYTHRIN(AZIDOMET) | M.A.HOLMES,R.E.STENKAMP | 10/90 | SF |
| R1HMDSF | | HEMERYTHRIN(DEOXY) | M.A.HOLMES,I.LE TRONG,S.TURLEY,L.C.SIEKER,R.E.STENKAMP | 10/90 | SF |
| R1HMOSF | | HEMERYTHRIN(OXY) | M.A.HOLMES,I.LE TRONG,S.TURLEY,L.C.SIEKER,R.E.STENKAMP | 10/90 | SF |
| R1BJLSF | | IGG B-J LOC(CRYSTALLIZED IN AMMONIUM SULFATE) | M.SCHIFFER,Z.-B.XU,C.-H.CHANG | 3/91 | SF |
| R2BJLSF | | IGG B-J LOC(CRYSTALLIZED IN WATER) | M.SCHIFFER,Z.-B.XU,C.-H.CHANG | 3/91 | SF |
| R9INSSF | | INSULIN(PIG,CUBIC) | J.BADGER,G.G.DODSON | 10/91 | SF |
| R4LYMSF | | LYSOZYME(HEN,LOW HUMIDITY,TETRAGONAL) | R.KODANDAPANI,C.G.SURESH,M.VIJAYAN | 7/90 | SF |
| R1MBISF | | MYOGLOBIN(SPERM WHALE)/IMIDAZOLE | C.LIONETTI,M.G.GUANZIROLI,F.FRIGERIO,P.ASCENZI, M.BOLOGNESI | 6/90 | SF |
| R4P2PSF | | PHOSPHOLIPASE A2(PORCINE) | DUPONT PROTEIN CRYSTALLOGRAPHY GROUP | 10/91 | SF |
| R4BP2SF | | PROPHOSPHOLIPASE A2(BOVINE) | DUPONT PROTEIN CRYSTALLOGRAPHY GROUP | 9/90 | SF |
| R2PRKSF | | PROTEINASE K(TRITIRACHIUM ALBUM LIMBER) | C.BETZEL,G.P.PAL,W.SAENGER | 11/87 | SF |
| R1TRCSF | | TR2C FRAGMENT OF CALMODULIN | L.SJOLIN,L.A.SVENSSON,E.PRINCE,S.SUNDELL | 1/90 | SF |
| R1R09SF | | RHINOVIRUS 14/R61837 | M.S.CHAPMAN,I.MINOR,M.G.ROSSMANN,G.D.DIANA,K.ANDRIES | 5/90 | SF |
| R6XIASF | | XYLOSE ISOMERASE(STREPTOMYCES ALBUS) | Z.DAUTER,H.TERRY,K.S.WILSON | 9/90 | SF |
| PART 10 - AVAILABLE ON NONST10TP | | | | | |
| R3CHYSF | | CHE Y(ESCHERICHIA COLI) | K.VOLZ,P.MATSUMURA | 4/91 | SF |
| R2YCCSF | | CYTOCHROME C(YEAST,ISO-1,OXIDIZED) | A.M.BERGHUIS,G.D.BRAYER | 1/91 | SF |
| R1DFNSF | | DEFENSIN HNP-3(HUMAN) | C.P.HILL,J.YEE,M.E.SELSTED,D.EISENBERG | 1/91 | SF |
| R1D56SF | | DNA(CGATATATCG)/CALCIUM | H.S.YUAN,J.R.QUINTANA,R.E.DICKERSON | 2/92 | SF |
| R1D57SF | | DNA(CGATATATCG)/MAGNESIUM | H.S.YUAN,J.R.QUINTANA,R.E.DICKERSON | 2/92 | SF |
| R1D76SF | | DNA(CGU+ACG) | B.SCHNEIDER,S.L.GINELL,R.JONES,B.GAFFNEY,H.M.BERMAN | 5/92 | SF |
| R1CGCSF | | DNA(CCGGCGCCGG) | U.HEINEMANN,M.BANSAL | 1/92 | SF |
| R1D58SF | | DNA (TGATCA)/4'-EPIADRIAMYCIN | B.L.D'ESTAINTOT,B.GALLOIS,T.BROWN,W.N.HUNTER | 2/92 | SF |
| R1D63SF | | DNA(CGCAAATTTGCG)/BERENIL | D.G.BROWN,M.R.SANDERSON,E.GERMAN,S.NEIDLE | 3/92 | SF |
| R1D64SF | | DNA(CGCGAATTCGCG)/PENTAMIDINE | K.J.EDWARDS,T.C.JENKINS,S.NEIDLE | 3/92 | SF |
| R1D65SF | | DNA(CGCAAATTTGCG) | K.J.EDWARDS,D.G.BROWN,N.SPINK,J.V.SKELLY,S.NEIDLE | 3/92 | SF |
| R1DA3SF | * | DNA(CGATCGA(ME)TCG) | I.BAIKALOV,K.GRZESKOWIAK,K.YANAGI,J.QUINTANA, R.E.DICKERSON | 11/92 | SF |
| R1DA9SF | * | DNA(TGGCCA)/ADRIAMYCIN | G.A.LEONARD,T.W.HAMBLEY,K.MCAULEY-HECHT,T.BROWN, W.N.HUNTER | 1/93 | SF |
| R4ESTSF | | ELASTASE/DIFLUOROKETONE INHIBITOR | L.H.TAKAHASHI,R.RADHAKRISHNAN,R.E.ROSENFIELD JUNIOR, E.F.MEYER JUNIOR,D.A.TRAINOR | 5/89 | SF |
| R5ESTSF | | ELASTASE/BORONIC ACID INHIBITOR | L.H.TAKAHASHI,R.RADHAKRISHNAN,R.E.ROSENFIELD JUNIOR, E.F.MEYER JUNIOR | 5/89 | SF |
| R6EBXSF | | ERABUTOXIN B(LATICAUDA SEMIFASCIATA) | T.PRANGE,P.SALUDJIAN | 5/91 | SF |
| R1HBGSF | | HEMOGLOBIN(CARBONMONOXY) | G.A.ARENTS,B.C.BRADEN,E.A.PADLAN,W.E.LOVE | 2/91 | SF |
| R2HBGSF | | HEMOGLOBIN(GLYCERA DIBRANCHIATA,DEOXY) | G.A.ARENTS,W.E.LOVE | 2/91 | SF |
| R1IGISF | * | IGG1 FAB(IGG2A,KAPPA) FRAGMENT(26-10) | P.D.JEFFREY,S.SHERIFF | 2/93 | SF |
| R1IGJSF | * | IGG1 FAB(IGG2A,KAPPA) FRAGMENT(26-10)/DIGOXIN | R.K.STRONG,G.A.PETSKO,P.D.JEFFREY,S.SHERIFF | 2/93 | SF |
| R1APHSF | | INSULIN(BOVINE,CUBIC,PH7) | O.GURSKY,J.BADGER,Y.LI,D.L.D.CASPAR | 10/92 | SF |
| R1BPHSF | | INSULIN(BOVINE,CUBIC,PH9) | O.GURSKY,J.BADGER,Y.LI,D.L.D.CASPAR | 10/92 | SF |
| R1CPHSF | | INSULIN(BOVINE,CUBIC,PH10) | O.GURSKY,J.BADGER,Y.LI,D.L.D.CASPAR | 10/92 | SF |
| R1DPHSF | | INSULIN(BOVINE,CUBIC,PH11) | O.GURSKY,J.BADGER,Y.LI,D.L.D.CASPAR | 10/92 | SF |
| R4BLMSF | | BETA-LACTAMASE(BACILLUS LICHENIFORMIS) | J.KNOX,P.MOEWS | 5/91 | SF |
| R1LHMSF | | LYSOZYME MUTANT(C77A,C95A)(HUMAN) | K.INAKA,M.MATSUSHIMA | 10/91 | SF |
| R2LHMSF | | LYSOZYME MUTANT(Q86D,A92D)(HUMAN)(APO) | K.INAKA,M.MATSUSHIMA | 10/91 | SF |
| R3LHMSF | | LYSOZYME MUTANT(Q86D,A92D)(HUMAN)(HOLO) | K.INAKA,M.MATSUSHIMA | 10/91 | SF |
| R1MEESF | | MESENTERICOPEPTIDASE/EGLIN C | Z.DAUTER,C.BETZEL,K.S.WILSON | 4/91 | SF |
| R5MBASF | | MET MYOGLOBIN(A.LIMACINA)/AZIDE PH 7.0 | M.BOLOGNESI,S.ONESTI,G.GATTI,A.CODA,P.ASCENZI,M.BRUNORI | 1/91 | SF |
| R2MM1SF | | MYOGLOBIN MUTANT(K45R,C110A)(HUMAN) | S.HUBBARD,W.HENDRICKSON,D.LAMBRIGHT,S.BOXER | 3/90 | SF |
| R1NN2SF | | NEURAMINIDASE N2(A/TOKYO/3/67) | J.N.VARGHESE,P.M.COLMAN | 3/91 | SF |
| R2NN9SF | | NEURAMINIDASE N9 MUTANT(S370L) | W.R.TULIP,J.N.VARGHESE,A.T.BAKER,A.VAN DONKELAAR, W.G.LAVER,R.G.WEBSTER,P.M.COLMAN | 3/91 | SF |
| R3NN9SF | | NEURAMINIDASE N9 MUTANT(N329D) | W.R.TULIP,J.N.VARGHESE,A.T.BAKER,A.VAN DONKELAAR, W.G.LAVER,R.G.WEBSTER,P.M.COLMAN | 3/91 | SF |
| R4NN9SF | | NEURAMINIDASE N9 MUTANT(I368R) | W.R.TULIP,J.N.VARGHESE,A.T.BAKER,A.VAN DONKELAAR, W.G.LAVER,R.G.WEBSTER,P.M.COLMAN | 3/91 | SF |
| R5NN9SF | | NEURAMINIDASE N9 MUTANT(A369D) | W.R.TULIP,J.N.VARGHESE,A.T.BAKER,A.VAN DONKELAAR, W.G.LAVER,R.G.WEBSTER,P.M.COLMAN | 3/91 | SF |
| R6NN9SF | | NEURAMINIDASE N9 MUTANT(K432N) | W.R.TULIP,J.N.VARGHESE,A.T.BAKER,A.VAN DONKELAAR, W.G.LAVER,R.G.WEBSTER,P.M.COLMAN | 3/91 | SF |
| R1PE6SF | * | PAPAIN/E-64-C PAPAYA FRUIT LATEX | D.YAMAMOTO ET AL. | 5/91 | SF |
| R1ULASF | | PURINE NUCLEOSIDE PHOSPHORYLASE | S.E.EALICK ET AL. | 11/92 | SF |
| R1ULBSF | | PURINE NUCLEOSIDE PHOSPHORYLASE/GUANINE | S.E.EALICK ET AL. | 11/92 | SF |
| R1SARSF | | RIBONUCLEASE SA(STREP.AUREOFACIENS) | J.SEVCIK,E.J.DODSON,G.G.DODSON | 12/90 | SF |

**TABLE 5 - STRUCTURE FACTOR HOLDINGS - APRIL 1993**

| IDENT CODE | MOLECULE | DEPOSITOR(S) | DATE | CODE |
|---|---|---|---|---|
| R3ESTSF | ELASTASE(PORCINE) | E.F.MEYER,G.COLE,R.RADHAKRISHNAN,O.EPP | 9/87 | SF |
| R3INSSF | INSULIN(PORCINE,XRAY+NEUTRON) | A.WLODAWER,H.SAVAGE | 10/88 | SF |
| R1PFKSF | PHOSPHOFRUCTOKINASE/ FRUCTOSE-1,6-BISPHOSPHATE/ADP/MG | Y.SHIRAKIHARA,P.R.EVANS | 1/88 | SF |
| R2PFKSF | PHOSPHOFRUCTOKINASE(E. COLI) | W.R.RYPNIEWSKI,P.R.EVANS | 1/88 | SF |
| R3PFKSF | PHOSPHOFRUCTOKINASE | P.R.EVANS,P.J.HUDSON | 1/88 | SF |
| R4PFKSF | PHOSPHOFRUCTOKINASE/ FRUCTOSE-6-PHOSPHATE/ADP/MG | P.R.EVANS,P.J.HUDSON | 1/88 | SF |
| R5PFKSF | PHOSPHOFRUCTOKINASE(B. ST.) T-STATE | P.R.EVANS,G.W.FARRANTS,M.C.LAWRENCE | 1/88 | SF |
| R1PAZSF | PSEUDOAZURIN(ALCALIGENES FAECALIS) | K.PETRATOS,Z.DAUTER,K.S.WILSON | 6/88 | SF |
| R7RSASF | RIBONUCLEASE A(PHOSPHATE-FREE) | A.WLODAWER,G.L.GILLILAND | 6/88 | SF |
| R4RHVSFA | RHINOVIRUS 14(HUMAN) | E.ARNOLD,M.ROSSMANN | 4/93 | SF |
| R4RHVSFB | RHINOVIRUS 14(HUMAN)5MM KAU(CN)2 DERIV | E.ARNOLD,M.ROSSMANN | 4/93 | SF |
| R4RHVSFC | RHINOVIRUS 14(HUMAN)1MM KAU(CN)2 DERIV | E.ARNOLD,M.ROSSMANN | 4/93 | SF |
| PART 7 - AVAILABLE ON NONST7TP | | | | |
| R4CPVSF | CA-BINDING PARVALBUMIN(CARP) | V.D.KUMAR,L.LEE,B.F.P.EDWARDS | 10/89 | SF |
| R5CYTSF | CYTOCHROME C(ALBACORE,REDUCED) | T.TAKANO | 1/88 | SF |
| R1BD1SF | DNA(CCAGGCCTGG) | U.HEINEMANN | 8/89 | SF |
| R1DN9SF | DNA(CGCATATATGCG) | C.YOON,R.E.DICKERSON | 4/89 | SF |
| R4GPDSF | APO-GLYCERALDEHYDE-3-P-DEHYDRGNSE(LOBSTER) | J.P.GRIFFITH,S.SONG,M.G.ROSSMANN | 1/88 | SF |
| R2HMGSF | HEMAGGLUTININ MUTANT(G146(A)D) | W.I.WEIS,A.T.BRUENGER,J.J.SKEHEL,D.C.WILEY | 9/89 | SF |
| R3HMGSF | HEMAGGLUTININ MUTANT(L226(A)Q) | W.I.WEIS,A.T.BRUENGER,J.J.SKEHEL,D.C.WILEY | 9/89 | SF |
| R4HMGSF | HEMAGGLUTININ MUTANT(L226(A)Q)/SIALIC AC | W.I.WEIS,A.T.BRUENGER,J.J.SKEHEL,D.C.WILEY | 9/89 | SF |
| R5HMGSF | HEMAGGLUTININ MUTANT(D112(B)G)/SIALIC AC | W.I.WEIS,A.T.BRUENGER,J.J.SKEHEL,D.C.WILEY | 9/89 | SF |
| R1COHSF | HEMOGLOBIN(ALPHA-FERROUS,BETA-COBALTOUS) | B.LUISI | 1/89 | SF |
| R3HFMSF | HYHEL-10 FAB/LYSOZYME | E.A.PADLAN,D.R.DAVIES | 8/88 | SF |
| R2FBJSF | IGA FAB(KAPPA)J539 | T.N.BHAT,E.A.PADLAN,D.R.DAVIES | 8/89 | SF |
| R1LDBSF | APO-L-LDH(BACILLUS STEAROTHERMOPHILUS) | K.PIONTEK,M.G.ROSSMANN | 3/89 | SF |
| R2LDBSF | L-LDH/NAD/FRUCTOSE-1,6-BISPHOSPHATE | K.PIONTEK,M.G.ROSSMANN | 3/89 | SF |
| R1LLCSF | LACTATE DEHYDROGENASE(L.CASEI) | M.BUEHNER,H.J.HECHT,R.HENSEL | 11/88 | SF |
| R2LDXSF | LACTATE DEHYDROGENASE(MOUSE TESTES) | J.P.GRIFFITH,M.G.ROSSMANN | 11/87 | SF |
| R2LZTSF | LYSOZYME(TRICLINIC) | M.RAMANADHAM,L.C.SIEKER,L.H.JENSEN | 8/89 | SF |
| R2LZ2SF | LYSOZYME(TURKEY) | M.R.PARSONS,S.E.V.PHILLIPS | 10/88 | SF |
| R4MDHSF | MALATE DEHYDROGENASE(PORCINE) | J.J.BIRKTOFT,L.J.BANASZAK | 4/89 | SF |
| R1PMBSF | MYOGLOBIN(PIG) | S.J.SMERDON,T.J.OLDFIELD,E.J.DODSON,G.G.DODSON, R.E.HUBBARD, A.J.WILKINSON | 11/89 | SF |
| R4MBNSF | MYOGLOBIN(SPERM WHALE,MET) | T.TAKANO | 1/88 | SF |
| R5MBNSF | MYOGLOBIN(SPERM WHALE,DEOXY) | T.TAKANO | 1/88 | SF |
| R5PEPSF | PEPSIN(PORCINE) | J.B.COOPER,G.KHAN,G.TAYLOR,I.J.TICKLE,T.L.BLUNDELL | 5/90 | SF |
| R1PRCSF | PHOTOSYNTHETIC REACTION CENTER | J.DEISENHOFER,O.EPP,K.MIKI,R.HUBER,H.MICHEL | 2/88 | SF |
| R2RNTSF | RIBONUCLEASE T1/GUANYL-2',5'-GUANOSINE | W.SAENGER,J.KOEPKE,M.MASLOWSKA,U.HEINEMANN | 7/88 | SF |
| R2RSPSF | ROUS SARCOMA VIRUS PROTEASE | A.WLODAWER,M.MILLER,M.JASKOLSKI | 10/89 | SF |
| R1RDGSF | RUBREDOXIN(DESULFOVIBRIO GIGAS) | M.FREY,L.C.SIEKER,F.PAYAN | 3/88 | SF |
| R1SNCSF | STAPH NUCLEASE/CA2+/PDTP | P.J.LOLL,E.E.LATTMAN | 7/89 | SF |
| R1TECSF | THERMITASE/EGLIN-C | P.GROS,B.W.DIJKSTRA,W.G.J.HOL | 5/89 | SF |
| R2TRASF | TRANSFER RNA(YEAST ASP,FORM A) | E.WESTHOF,P.DUMAS,D.MORAS | 11/87 | SF |
| R3TRASF | TRANSFER RNA(YEAST ASP,FORM B) | E.WESTHOF,P.DUMAS,D.MORAS | 11/87 | SF |
| PART 8 - AVAILABLE ON NONST8TP | | | | |
| R4APRSF | ACID PROTEASE(R.PEPSIN)/INHIBITOR | K.SUGUNA,D.R.DAVIES | 8/89 | SF |
| R5APRSF | ACID PROTEASE(R.PEPSIN)/INHIBITOR | K.SUGUNA,D.R.DAVIES | 8/89 | SF |
| R6APRSF | ACID PROTEASE(R.PEPSIN)/INHIBITOR | K.SUGUNA,D.R.DAVIES | 8/89 | SF |
| R1BRDSF | BACTERIORHODOPSIN(ELECTRON DIFFRACTION) | R.HENDERSON,J.M.BALDWIN,T.A.CESKA,F.ZEMLIN,E.BECKMANN, K.H.DOWNING | 5/90 | SF |
| R3B5CSF | CYTOCHROME B5(BOVINE) | F.S.MATHEWS,R.C.E.DURLEY | 1/90 | SF |
| R256BSF | CYTOCHROME B562(ESCHERICHIA COLI) | K.HAMADA,P.H.BETHGE,F.S.MATHEWS | 1/90 | SF |
| R1BDNSFA | DNA(CGCAAAAATGCG) | T.STEITZ ET AL. | 4/93 | SF |
| R1BDNSFB | DNA(CGCAAAAATGCG)(5BR-U AT 21) | T.STEITZ ET AL. | 4/93 | SF |
| R1THBSF | HEMOGLOBIN(HUMAN,T STATE,PARTIALLY OXY) | D.A.WALLER,R.C.LIDDINGTON | 1/90 | SF |
| R1SDHSF | HEMOGLOBIN(SCAPHARCA,DIMERIC,CO) | W.E.ROYER JUNIOR,W.A.HENDRICKSON,E.CHIANCONE | 10/89 | SF |
| R2SDHSF | HEMOGLOBIN(SCAPHARCA,DIMERIC,DEOXY) | W.E.ROYER JUNIOR,W.A.HENDRICKSON,E.CHIANCONE | 1/91 | SF |
| R2LYMSF | LYSOZYME(HEN EGG-WHITE,1 ATM) | C.E.KUNDROT,F.M.RICHARDS | 6/87 | SF |
| R3LYMSF | LYSOZYME(HEN EGG-WHITE,1000 ATM) | C.E.KUNDROT,F.M.RICHARDS | 6/87 | SF |
| R2MB5SF | MYOGLOBIN(NEUTRON STUDY) | B.P.SCHOENBORN,X.CHENG | 10/89 | SF |
| R1OMDSF | ONCOMODULIN(RAT) | F.R.AHMED,M.PRZYBYLSKA,D.R.ROSE,G.I.BIRNBAUM,M.E.PIPPY, J.P.MACMANUS | 4/90 | SF |
| R6RXNSF | RUBREDOXIN(DESULFOVIBRIO DESULFURICANS) | R.E.STENKAMP,L.C.SIEKER,L.H.JENSEN | 1/90 | SF |
| R7RXNSF | RUBREDOXIN(DESULFOVIBRIO VULGARIS) | E.T.ADMAN,L.C.SIEKER,L.H.JENSEN | 5/90 | SF |
| R1SNMSF | STAPH NUCLEASE MUTANT(E43D) | P.J.LOLL,E.E.LATTMAN | 2/90 | SF |
| R1BMVSF | BEAN POD MOTTLE VIRUS | J.E.JOHNSON | 10/89 | SF |
| PART 9 - AVAILABLE ON NONST9TP | | | | |
| R1AL1SF | ALPHA-1(SYNTHETIC PEPTIDE) | C.P.HILL,D.H.ANDERSON,L.WESSON,W.F.DEGRADO,D.EISENBERG | 7/90 | SF |
| R3AATSF | ASPARTATE AMINOTRANSFERASE MUTANT(R386F) | A.T.DANISHEFSKY,D.RINGE,G.A.PETSKO | 12/90 | SF |
| R3CROSF | CRO/20 BASE PAIR DNA CONTAINING OR1 | A.MONDRAGON,S.C.HARRISON | 7/90 | SF |
| R4CROSF | CRO(BACTERIOPHAGE LAMBDA)/17 BP DNA OR3 | R.G.BRENNAN,S.L.RODERICK,Y.TAKEDA,B.W.MATTHEWS | 9/90 | SF |
| R1C2RSF | CYTOCHROME C2(RHODOBACTER CAPSULATUS) | M.M.BENNING,G.WESENBERG,M.S.CAFFREY,R.G.BARTSCH, T.E.MEYER, M.A.CUSANOVICH,I.RAYMENT,H.M.HOLDEN | 3/91 | SF |
| R1D23SF | DNA(CGATCGATCG) | K.GRZESKOWIAK,K.YANAGI,G.G.PRIVE,R.E.DICKERSON | 8/90 | SF |
| R5DNBSF | DNA(CCAACGTTGG) | G.G.PRIVE,K.YANAGI,R.E.DICKERSON | 3/90 | SF |
| R1D24SF | DNA(CGC(O6ME)GCG) | S.L.GINELL,S.KUZMICH,R.A.JONES,H.M.BERMAN | 8/90 | SF |
| R2D25SF | DNA(CCAGGC(5MC)TGG) | U.HEINEMANN,M.HAHN | 1/92 | SF |
| R1D27SF | DNA(CGC(O6MEG)AATTTGCG) | G.A.LEONARD,J.THOMSON,W.P.WATSON,T.BROWN | 9/90 | SF |

**TABLE 5 - STRUCTURE FACTOR HOLDINGS - APRIL 1993**

| IDENT CODE | MOLECULE | DEPOSITOR(S) | DATE | CODE |
|---|---|---|---|---|
| R3PTNSF | TRYPSIN(TRIGONAL,2.4M (NH4)2SO4) | J.WALTER,W.STEIGEMANN,T.P.SINGH,H.BARTUNIK,W.BODE, R.HUBER | 10/81 | SF |
| R3PTBSF | TRYPSIN(BENZAMIDINE INHIBITED) | W.BODE,P.SCHWAGER,J.WALTER | 9/82 | SF |
| R1TPPSF | TRYPSIN/P-AMIDINO-PHENYL-PYRUVATE | J.WALTER,W.BODE,R.HUBER | 9/82 | SF |
| R4PTISF | TRYPSIN INHIBITOR(BOVINE,PANCREAS) | R.HUBER,D.KUKLA,A.RUEHLMANN,O.EPP,H.FORMANEK, J.DEISENHOFER, W.STEIGEMANN | 9/82 | SF |
| R2PTCSF | TRYPSIN/TRYPSIN INHIBITOR | R.HUBER,J.DEISENHOFER | 9/82 | SF |
| R1TPASF | TRYPSIN(ANHYDRO)/TRYPSIN INHIBITOR | R.HUBER,W.BODE,J.DEISENHOFER | 9/82 | SF |
| R2TGASF | TRYPSINOGEN(2.4M MGSO4) | J.WALTER,W.STEIGEMANN,T.P.SINGH,H.BARTUNIK,W.BODE, R.HUBER | 10/81 | SF |
| R1TGCSF | TRYPSINOGEN(0.50 METHANOL,0.50 WATER) | J.WALTER,W.STEIGEMANN,T.P.SINGH,H.BARTUNIK,W.BODE, R.HUBER | 10/81 | SF |
| R1TGTSF | TRYPSINOGEN(173 K,0.70 METHANOL,0.30 WATER) | J.WALTER,W.STEIGEMANN,T.P.SINGH,H.BARTUNIK,W.BODE, R.HUBER | 10/81 | SF |
| R2TGTSF | TRYPSINOGEN(103 K,0.70 METHANOL,0.30 WATER) | J.WALTER,W.STEIGEMANN,T.P.SINGH,H.BARTUNIK,W.BODE, R.HUBER | 10/81 | SF |
| R2TGPSF | TRYPSINOGEN/TRYPSIN INHIBITOR | R.HUBER,W.BODE,J.DEISENHOFER,P.SCHWAGER | 9/82 | SF |
| R3TPISF | TRYPSINOGEN/TRYPSIN INHIBITOR/ILE-VAL | R.HUBER,W.BODE,J.DEISENHOFER,P.SCHWAGER | 9/82 | SF |
| R2TPISF | TRYPSINOGEN/PTI/ILE-VAL (MERCURATED) | J.WALTER,W.STEIGEMANN,T.P.SINGH,H.BARTUNIK,W.BODE, R.HUBER | 10/81 | SF |
| R1TGSSF | TRYPSINOGEN/PSTI | M.BOLOGNESI,G.GATTI,E.MENEGATTI,M.GUARNERI,M.MARQUART, E.PAPAMOKOS,R.HUBER | 9/82 | SF |
| PART 3 - AVAILABLE ON NONST3TP | | | | |
| R1CATSF | CATALASE(BEEF LIVER) | M.ROSSMANN | 11/81 | SF |
| R4CHASF | ALPHA-CHYMOTRYPSIN(BOVINE) | H.TSUKADA,D.M.BLOW | 11/84 | SF |
| R2GCHSF | GAMMA-CHYMOTRYPSIN | G.H.COHEN,D.R.DAVIES,E.W.SILVERTON | 5/80 | SF |
| R2C2CSF | CYTOCHROME C2(OXIDIZED) | G.BHATIA,B.C.FINZEL,J.KRAUT | 11/83 | SF |
| R3C2CSF | CYTOCHROME C2(REDUCED) | G.BHATIA,B.C.FINZEL,J.KRAUT | 11/83 | SF |
| R2ANASF | DNA(A,GGGGCCCC,SYNTHETIC) | M.MCCALL,T.BROWN,O.KENNARD | 8/85 | SF |
| R6BNASF | DNA(CGCGAATT-BR-CGCG,SYNTH)/NETROPSIN | M.L.KOPKA,C.YOON,D.GOODSELL,P.PJURA,R.E.DICKERSON | 8/84 | SF |
| R7BNASF | DNA(B,CGCGAATTCGCG,ANISO TEMP FACTORS) | S.R.HOLBROOK,R.E.DICKERSON,S.-H.KIM | 1/85 | SF |
| R1FX1SF | FLAVODOXIN | K.D.WATENPAUGH,L.C.SIEKER,L.H.JENSEN | 10/84 | SF |
| R1GP1SF | GLUTATHIONE PEROXIDASE(BOVINE) | O.EPP,R.LADENSTEIN | 6/85 | SF |
| R2HHBSF | HEMOGLOBIN(HUMAN,DEOXY) | G.FERMI,M.F.PERUTZ | 3/84 | SF |
| R1HHOSF | HEMOGLOBIN(HUMAN,OXY) | B.SHAANAN | 6/83 | SF |
| R1MCPSF | IMMUNOGLOBULIN IGA FAB(KAPPA)MCPC603) | Y.SATOW,G.H.COHEN,E.A.PADLAN,D.R.DAVIES | 7/84 | SF |
| R2MCPSF | IGA FAB(KAPPA)MCPC603/PHOSPHOCHOLINE | E.A.PADLAN,G.H.COHEN,D.R.DAVIES | 10/84 | SF |
| R1PFCSF | IGG PFC FRAGMENT | S.H.BRYANT,L.M.AMZEL,R.J.POLJAK,R.P.PHIZACKERLEY | 10/81 | SF |
| R1LZTSF | LYSOZYME(HEN EGG-WHITE,TRICLINIC) | J.M.HODSDON,G.M.BROWN,L.C.SIEKER,L.H.JENSEN | 4/85 | SF |
| R1MBOSF | MYOGLOBIN(SPERM WHALE,OXY) | S.E.V.PHILLIPS | 8/81 | SF |
| R2OVOSF | OVOMUCOID THIRD DOMAIN(SILVER PHEASANT) | W.BODE,O.EPP | 6/85 | SF |
| R1PPDSF | PAPAIN D | J.N.JANSONIUS | 10/84 | SF |
| R3RP2SF | PROTEINASE II(RAT MAST CELL) | R.REYNOLDS,S.REMINGTON,L.WEAVER,R.FISCHER,W.ANDERSON, H.AMMON,B.MATTHEWS | 9/84 | SF |
| R5PTISFX | PTI(X-RAY) | A.WLODAWER,R.HUBER | 4/93 | SF |
| R5PTISFN | PTI(NEUTRON) | A.WLODAWER,R.HUBER | 4/93 | SF |
| R5RSASFX | RIBONUCLEASE A(X-RAY) | A.WLODAWER | 4/93 | SF |
| R5RSASFN | RIBONUCLEASE A(NEUTRON) | A.WLODAWER | 4/93 | SF |
| R5RXNSF | RUBREDOXIN(OXIDIZED,FE(III)) | K.D.WATENPAUGH | 10/84 | SF |
| R2VSBSF | VIRUS COAT PROTEIN(SBMV, T=1) | M.ROSSMANN | 4/93 | SF |
| R4SBVSF | VIRUS COAT PROTEIN(SOUTHERN BEAN MOSAIC) | M.G.ROSSMANN | 4/85 | SF |
| PART 4 - AVAILABLE ON NONST4TP | | | | |
| R2APRSF | ACID PROTEINASE(RHIZOPUS CHINENSIS) | K.SUGUNA,D.R.DAVIES | 3/87 | SF |
| R3WGASF | AGGLUTININ(WHEAT GERM,ISOLECTIN 2) | C.S.WRIGHT | 8/86 | SF |
| R2AZASF | AZURIN(ALCALIGENES DENITRIFICANS) | E.N.BAKER,G.E.NORRIS | 10/86 | SF |
| R3ICBSF | CALCIUM-BINDING PROTEIN(INTESTINAL) | D.M.E.SZEBENYI,K.MOFFAT | 9/86 | SF |
| R2CCYSF | CYTOCHROME C' | B.C.FINZEL,P.C.WEBER,K.D.HARDMAN,F.R.SALEMME | 8/85 | SF |
| R2CYPSF | CYTOCHROME C PEROXIDASE(YEAST) | B.C.FINZEL,T.L.POULOS,J.KRAUT | 8/85 | SF |
| R8BNASF | DNA(CGCGAATTCGCG,SYNTHTC)/HOECHST 33258 | P.PJURA,K.GRZESKOWIAK,R.E.DICKERSON | 8/86 | SF |
| R1DN4SF | DNA(BR-CG-BR-CG-BR-CG)(18 DEG C) | B.CHEVRIER,A.C.DOCK,B.HARTMANN,M.LENG,D.MORAS, M.T.THUONG, E.WESTHOF | 12/86 | SF |
| R1DN5SF | DNA(BR-CG-BR-CG-BR-CG)(37 DEG C) | B.CHEVRIER,A.C.DOCK,B.HARTMANN,M.LENG,D.MORAS, M.T.THUONG, E.WESTHOF | 12/86 | SF |
| R1RSMSF | LYS 7-DNP-LYS 41 RIBONUCLEASE A | P.C.WEBER,S.SHERIFF,D.H.OHLENDORF,B.C.FINZEL,F.R.SALEMME | 8/85 | SF |
| R1CTFSF | L7/L12 50S RIBOSOMAL PROTEIN(C-TERMINAL) | M.LEIJONMARCK,A.LILJAS | 9/86 | SF |
| R2MHRSF | MYOHEMERYTHRIN | S.SHERIFF,W.A.HENDRICKSON | 4/87 | SF |
| R1RNTSF | RIBONUCLEASE T1/GUANYLIC ACID | W.SAENGER,R.ARNI,U.HEINEMANN,R.TOKUOKA | 7/87 | SF |
| R6PTISF | TRYPSIN INHIBITOR(FORM III,BOVINE) | A.WLODAWER | 5/87 | SF |
| R1VP1SF | POLYOMA VIRUS CAPSID | RAYMENT,BAKER,CASPAR | 4/93 | SF |
| PART 5 - AVAILABLE ON NONST5TP | | | | |
| R1MEVSF | MENGO VIRUS(COAT PROTEIN) | M.G.ROSSMANN | 2/87 | SF |
| PART 6 - AVAILABLE ON NONST6TP | | | | |
| R3APRSF | ACID PROTEINASE/PEPTIDE INHIBITOR | K.SUGUNA,D.R.DAVIES | 6/87 | SF |
| R9DNASF | DNA(GCCCGGGC) | U.HEINEMANN | 7/87 | SF |
| R1DNHSF | DNA(CGCGAATTCGCG)/HOECHST 33258 | M.-K.TENG,N.USMAN,C.A.FREDERICK,A.H.-J.WANG | 2/88 | SF |
| R3DNBSF | DNA(CCAAGATTGG) | G.G.PRIVE,R.E.DICKERSON | 3/88 | SF |
| R1D16SF | DNA(CGCGCGTTTTCGCGCG) | R.CHATTOPADHYAYA,R.E.DICKERSON | 4/88 | SF |
| R3ANASF | DNA(A,GGGATCCC) | U.HEINEMANN,H.LAUBLE | 7/88 | SF |

## TABLE 5 - STRUCTURE FACTOR HOLDINGS - APRIL 1993

| *IDENT CODE* | *MOLECULE* | *DEPOSITOR(S)* | *DATE* | *CODE* |
|---|---|---|---|---|
| PART 1 - AVAILABLE ON NONST1TP | | | | |
| R1ACTSF | ACTINIDIN | E.BAKER | 1/69 | SF |
| CHYMOF | ALPHA-CHYMOTRYPSIN (TOSYL) | D.BLOW | 4/93 | SF |
| RCARP04 | CA-BINDING PARVALBUMIN(CARP) | R.KRETSINGER | 4/93 | SF |
| RCARP05 | CA-BINDING PARVALBUMIN(CARP) | R.KRETSINGER | 4/93 | SF |
| R2B5CSF | CYTOCHROME B5 | F.S.MATHEWS | 12/77 | SF |
| R3CYTSF | CYTOCHROME C(ALBACORE,OXIDIZED) | T.TAKANO | 7/80 | SF |
| R4CYTSF | CYTOCHROME C (ALBACORE, REDUCED) | T.TAKANO,R.DICKERSON | 7/80 | SF |
| RCYC5501 | CYTOCHROME C550 | R.TIMKOVICH | 4/93 | SF |
| R1ZNASF | DNA(Z',CGCG,HIGH-SALT,SYNTHETIC) | H.R.DREW,R.E.DICKERSON | 1/81 | SF |
| R1BNASF | DNA(B,CGCGAATTCGCG,SYNTHETIC,290 K) | H.R.DREW,R.E.DICKERSON | 1/81 | SF |
| RGPD04 | GLYCERALDEHYDE-3-P-DEHYDROGENASE(LOBSTR) | M.ROSSMANN | 4/93 | SF |
| R2GPDSF | APO-GLYCERALDEHYDE-3-P-DEHYDROGENASE | M.ROSSMANN | 12/79 | SF |
| R2MHBSF | HEMOGLOBIN(HORSE,AQUO MET) | R.C.LADNER,E.G.HEIDNER,M.F.PERUTZ | 2/77 | SF |
| R1FDHSF | HEMOGLOBIN(HUMAN,FETAL,DEOXY) | J.A.FRIER JUNIOR | 8/76 | SF |
| RHUMDEH02 | HEMOGLOBIN (HUMAN,DEOXY) | M.PERUTZ,G.FERMI | 4/93 | SF |
| LAMPRY1 | HEMOGLOBIN (LAMPREY) | HENDRICKSON,LOVE,KARLE | 4/93 | SF |
| RLDH06 | APO-M4-LACTATE DEHYDROGENASE(DOGFISH) | M.ROSSMANN | 4/93 | SF |
| RLDH07 | LACTATE DEHYDROGENASE/NAD/PYRUVATE | M.ROSSMANN | 4/93 | SF |
| R5LDHSF | LACTATE DEHYDROGENASE/S-LAC/NAD (PIG) | U.M.GRAU,M.G.ROSSMANN | 10/80 | SF |
| R1LZHSF | LYSOZYME(HEN EGG-WHITE,MONOCLINIC) | P.J.ARTYMIUK,C.C.F.BLAKE,D.W.RICE,K.S.WILSON | 6/81 | SF |
| R2LZHSF | LYSOZYME(HEN EGG-WHITE,ORTHORHOMBIC) | P.J.ARTYMIUK,C.C.F.BLAKE,D.W.RICE,K.S.WILSON | 6/81 | SF |
| RMETMYSF1 | MYOGLOBIN (SPERM WHALE, MET) | T.TAKANO | 4/93 | SF |
| RDEMYSF1 | MYOGLOBIN (SPERM WHALE, DEOXY) | T.TAKANO | 4/93 | SF |
| R4TNASF | TRANSFER RNA(YEAST,PHE) | A.JACK,J.E.LADNER,A.KLUG | 4/78 | SF |
| PART 2 - AVAILABLE ON NONST2TP | | | | |
| R1CCRSF | CYTOCHROME C | H.OCHI,Y.HATA,N.TANAKA,M.KAKUDO,T.SAKURAI,S.AIHARA, Y.MORITA | 3/83 | SF |
| R351CSF | CYTOCHROME C551(OXIDIZED) | Y.MATSUURA,T.TAKANO,R.E.DICKERSON | 7/81 | SF |
| R451CSF | CYTOCHROME C551(REDUCED) | Y.MATSUURA,T.TAKANO,R.E.DICKERSON | 7/81 | SF |
| R1ANASF | DNA(D-IODO-CCGG) | B.N.CONNER,R.E.DICKERSON | 6/82 | SF |
| R1ANAP2 | DNA(A,D-IODO-CCGG)SPACE GROUP P 21 | B.CONNER,R.DICKERSON | 4/93 | SF |
| R2BNASF | DNA(B,CGCGAATTCGCG,SYNTHETIC,16 K) | H.R.DREW,R.E.DICKERSON | 11/81 | SF |
| R3BNASF | DNA(B,9-BR-CGCGAATTCGCG,SYNTH,20 DEG C) | M.L.KOPKA,A.V.FRATINI,R.E.DICKERSON | 2/82 | SF |
| R4BNASF | DNA(B,9-BR-CGCGAATTCGCG,SYNTH, 7 DEG C) | M.L.KOPKA,A.V.FRATINI,R.E.DICKERSON | 2/82 | SF |
| R5BNASF | DNA(B,CGCGAATTCGCG,SYNTHETIC)/CISPLATIN | R.WING,P.PJURA,H.DREW,R.DICKERSON | 8/83 | SF |
| R1GAASF | GLUTAMINASE-ASPARAGINASE(ACINETOBACTER) | H.AMMON | 4/93 | SF |
| R1GASSF | GLUTAMINASE-ASPARAGINASE(PSEUDOMONAS 7A) | H.AMMON | 4/93 | SF |
| R1HMQSF | HEMERYTHRIN(MET) | STENKAMP,SIEKER,JENSEN | 2/83 | SF |
| R1HMZSF | HEMERYTHRIN(AZIDO,MET) | STENKAMP,SIEKER,JENSEN | 2/83 | SF |
| R2INSSF | INSULIN (DES-PHE B1) | G.D.SMITH,W.L.DUAX,E.J.DODSON,G.G.DODSON,R.A.G.DE GRAAF, C.D.REYNOLDS | 5/82 | SF |
| R1LH1SF | LEGHEMOGLOBIN(ACETATE MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | SF |
| R2LH1SF | LEGHEMOGLOBIN(ACETATE MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | SF |
| R1LH2SF | LEGHEMOGLOBIN(AQUO MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | SF |
| R2LH2SF | LEGHEMOGLOBIN(AQUO MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | SF |
| R1LH3SF | LEGHEMOGLOBIN(CYANO MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | SF |
| R2LH3SF | LEGHEMOGLOBIN(CYANO MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | SF |
| R1LH4SF | LEGHEMOGLOBIN(DEOXY) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | SF |
| R2LH4SF | LEGHEMOGLOBIN(DEOXY) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | SF |
| R1LH5SF | LEGHEMOGLOBIN(FLUORO MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | SF |
| R2LH5SF | LEGHEMOGLOBIN(FLUORO MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | SF |
| R1LH6SF | LEGHEMOGLOBIN(NICOTINATE MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | SF |
| R2LH6SF | LEGHEMOGLOBIN(NICOTINATE MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | SF |
| R1LH7SFR | LEGHEMOGLOBIN(FERRO)/NITROSOBENZENE | VAINSHTEIN,HARUTYUNYAN | 4/93 | SF |
| R2LH7SF | LEGHEMOGLOBIN(FERRO)/NITROSOBENZENE | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | SF |
| R1LYMSF | LYSOZYME(HEN EGG-WHITE,MONOCLINIC) | J.HOGLE,S.T.RAO,M.SUNDARALINGAM | 7/82 | SF |
| R1MLTSF | MELITTIN | TERWILLIGER,EISENBERG | 8/81 | SF |
| R1OVOSF | OVOMUCOID THIRD DOMAIN(JAPANESE QUAIL) | E.WEBER,E.PAPAMOKOS,W.BODE,R.HUBER,I.KATO, M.LASKOWSKI JUNIOR | 1/82 | SF |
| R2BP2SF | PROPHOSPHOLIPASE A2(BOVINE) | B.W.DIJKSTRA,G.J.H.VAN NES,K.H.KALK,N.P.BRANDENBURG, W.G.J.HOL,J.DRENTH | 6/81 | SF |
| R1PYPSF | INORGANIC PYROPHOSPHATASE | E.H.HARUTYUNYAN,S.S.TERZYAN,B.K.VAINSHTEIN | 2/83 | SF |
| R1RN3SF | RIBONUCLEASE A | BORKAKOTI,MOSS,PALMER | 10/81 | SF |
| R3TLNSF | THERMOLYSIN(NATIVE) | B.W.MATTHEWS,M.A.HOLMES | 2/82 | SF |
| R2PTNSF | TRYPSIN(ORTHORHOMBIC,2.4M (NH4)2SO4) | J.WALTER,W.STEIGEMANN,T.P.SINGH,H.BARTUNIK,W.BODE, R.HUBER | 10/81 | SF |
| R1TPOSF | TRYPSIN(ORTHORHOMBIC) | W.BODE,J.WALTER,R.HUBER | 9/82 | SF |

**TABLE 4 - BIBLIOGRAPHIC ENTRIES (NO COORDINATES) - APRIL 1993**

| IDENT CODE | MOLECULE |
|---|---|
| 05C1 | CYTOCHROME C555(CHLOROBIUM THIOSULFATOPHILUM) |
| 0ACD | ACYL-COA DEHYDROGENASE |
| 0ACS | ASPARTATE CARBAMOYLTRANSFERASE-CARBAMOYL PHOSPHATE-SUCCINATE COMPLEX |
| 0AD2 | ADENOVIRUS TYPE 2 HEXON(AD2) |
| 0AF1 | APOFERRITIN(HORSE) |
| 0AFP | ANTIFREEZE POLYPEPTIDE (AFP) (HPLC-6) |
| 0AKA | ADENYLATE KINASE-1,P5-DI(ADENOSINE-5'-)PENTAPHOSPHATE |
| 0AKN | ADENYLATE KINASE |
| 0ALD | ALDOLASE A |
| 0AN8 | DNA(GGTATACC) |
| 0ANB | DNA(GG+UA+UACC) |
| 0AUI | IMMUNOGLOBULIN, BENCE-JONES FRAGMENT(KAPPA) AU |
| 0B2M | BETA2-MICROGLOBULIN |
| 0BGT | ALPHA-BUNGAROTOXIN |
| 0C3A | DES-ARG77-C3A ANAPHYLATOXIN |
| 0CCI | CYTOCHROME C PEROXIDASE COMPOUND I |
| 0CDI | CALOTROPIN DI(CALOTROPIS GIGANTEA) |
| 0CN2 | CONCANAVALIN A(DEMETALLIZED) |
| 0COL | COLICIN A (C-TERMINAL DOMAIN) |
| 0CPC | C-PHYCOCYANIN(AGMENELLUM QUADRUPLICATUM) |
| 0CPF | CYTOCHROME P450CAM(SUBSTRATE-FREE) |
| 0CPN | CATABOLITE GENE ACTIVATOR PROTEIN 91 |
| 0CPS | CARBOXYPEPTIDASE A(ALPHA)/GLYCYL-L-TYROSINE(-9 DEGREES C) |
| 0CPT | CALCIUM-BINDING PARVALBUMIN(TOADFISH)/TERBIUM COMPLEX |
| 0CSB | STREPTAVIDIN-BIOTIN COMPLEX |
| 0CYS | CYSTATIN |
| 0DAC | DNA(GCGTACGC,SYNTHETIC) COMPLEX WITH TRIOSTIN |
| 0DCH | HEMOGLOBIN(COBALT,DEOXY) |
| 0DF5 | R67 DIHYDROFOLATE REDUCTASE(ESCHERICHIA COLI) |
| 0DN1 | DNA(GGGGTCCC,SYNTHETIC) |
| 0DN2 | DNA(CGCAAATTCGCG,SYNTHETIC) |
| 0DN3 | DNA(CGCGAATTAGCG,SYNTHETIC) |
| 0DNI | DEOXYRIBONUCLEASE I(DNASE I) |
| 0EAP | ACID PROTEINASE(ENDOTHIA PARASITICA) |
| 0EPC | ELASTASE-(THR-PRO-NVAL-NMELEU-TYR-THR) COMPLEX AT 292 DEGREES KELVIN |
| 0ESC | ELASTASE COMPLEX WITH TWO MOLECULES OF ACE-ALA-PRO-ALA |
| 0ESZ | ELASTASE COMPLEX(PIG) |
| 0EVC | ELASTASE-MEO-SUC-ALA-ALA-PRO-VAL CHLOROMETHYL KETONE |
| 0EXA | EXOTOXIN A(PSEUDOMONAS AERUGINOSA) |
| 0FEI | FERREDOXIN I |
| 0FMT | INITIATOR TRANSFER RNA(E. COLI,F/MET) |
| 0FX2 | FLAVODOXIN(REDUCED,CLOSTRIDIUM MP) |
| 0FX3 | FLAVODOXIN(OXIDIZED,ANACYSTIS NIDULANS) |
| 0GBP | D-GALACTOSE-BINDING PROTEIN(ESCHERICHIA COLI) |
| 0GCB | GAMMA-CHYMOTRYPSIN/3-BENZYL-6-CHLORO-2-PYRONE |
| 0GCI | GAMMA-CHYMOTRYPSIN - INACTIVATOR COMPLEX |
| 0GLM | LYSOZYME(EMBDEN GOOSE) |
| 0GLS | GLUTAMINE SYNTHETASE(SALMONELLA TYPHIMURIUM) |
| 0GTC | DNA(A,GGGGCTCC,SYNTHETIC) |
| 0HBG | HEMOGLOBIN(GLYCERA DIBRANCHIATA) |
| 0HBT | HEMOGLOBIN(T STATE,HUMAN) |
| 0HPI | HEMOCYANIN(PANULIRUS INTERRUPTUS) |
| 0HRS | HEAVY RIBOFLAVIN SYNTHASE |
| 0IG1 | IMMUNOGLOBULIN G1(KAPPA) DOB |
| 0ILT | INTERLEUKIN-2 |
| 0IN1 | INSULIN(PORCINE) |
| 0IN2 | INSULIN(PORCINE) |
| 0IN3 | DESPENTAPEPTIDE INSULIN(BEEF) |
| 0IN4 | INSULIN(HUMAN) |
| 0LPC | LIPOVITELLIN-PHOSVITIN COMPLEX |
| 0LZ5 | LYSOZYME(HEN EGG-WHITE,NEUTRON STUDY) |
| 0LZ6 | LYSOZYME(STREPTOMYCES ERYTHRAEUS) |
| 0LZE | LYSOZYME(HEN EGG-WHITE,DEUTERATED ETHANOL) |
| 0LZG | LYSOZYME G (GOOSE-TYPE) |
| 0LZT | LYSOZYME(HEN EGG-WHITE,HIGH-TEMPERATURE) |
| 0MAA | MITOCHONDRIAL ASPARTATE AMINOTRANSFERASE |
| 0MB3 | MYOGLOBIN(SPERM WHALE,MET,NEUTRON STUDY) |
| 0MBM | MYOGLOBIN(SPERM WHALE,MET,TEMPERATURE STUDIES) |
| 0MMD | MITOCHONDRIAL MALATE DEHYDROGENASE(PORCINE) |
| 0MTS | METHIONYL TRANSFER RNA SYNTHETASE |
| 0PAL | CALCIUM-BINDING PARVALBUMIN BETA(PIKE) |
| 0PB1 | PHOSPHORYLASE B(RABBIT) |
| 0PEC | PAPAIN-E-64 COMPLEX |
| 0PF1 | PROTHROMBIN FRAGMENT 1(BOVINE) |
| 0PFB | PLATELET FACTOR 4 |
| 0PGL | PHOSPHOGLUCOMUTASE(RABBIT) |
| 0PPA | PHOSPHORYLASE A(RABBIT) |
| 0RBI | RIBONUCLEASE BI(BINASE) |
| 0RBS | RIBONUCLEASE(BOVINE SEMINAL) |
| 0RCR | REACTION CENTER |
| 0REN | RENIN |
| 0RIA | RIBONUCLEASE A(BOVINE) COMPLEX WITH DNA(AAAA) |
| 0RIC | RICIN (RCAII) |
| 0RIF | INTESTINAL FATTY ACID-BINDING PROTEIN |
| 0RNB | BARNASE(BACILLUS AMYLOLIQUEFACIENS) |
| 0ROY | IMMUNOGLOBULIN, BENCE-JONES FRAGMENT(V-MONOMER,KAPPA) ROY |
| 0RPL | RIBOSOMAL PROTEIN L30 |
| 0RSA | RIBONUCLEASE A(BOVINE) |
| 0RST | RIBONUCLEASE ST(STREPTOMYCES ERYTHREUS) |
| 0RX5 | RELAXIN(PORCINE) MODEL |
| 0SBP | SULFATE-BINDING PROTEIN |
| 0SDE | FE-SUPEROXIDE DISMUTASE(ESCHERICHIA COLI) |
| 0SDM | MN-SUPEROXIDE DISMUTASE(THERMUS THERMOPHILUS) |
| 0SDP | FE-SUPEROXIDE DISMUTASE(PSEUDOMONAS OVALIS) |
| 0TEC | THERMITASE-EGLIN C COMPLEX |
| 0TEL | LYSOZYME(TORTOISE EGG-WHITE) |
| 0TFD | TRANSFERRIN (DIFERRIC) |
| 0TMD | TRIMETHYLAMINE DEHYDROGENASE |
| 0TMT | THERMITASE |
| 0TMV | VIRUS PROTEIN DISK(TOBACCO MOSAIC) |
| 0TR1 | TRANSFER RNA(YEAST,PHE) |
| 0TRO | TRP REPRESSOR-OPERATOR COMPLEX |
| 0TT4 | THIOREDOXIN(BACTERIOPHAGE T4) |
| 0TTI | BETA TRYPSIN-TRYPSIN INHIBITOR I |
| 0ZGP | D-ALANYL-D-ALANINE PEPTIDASE(ZN2+ G PEPTIDASE) |
| 0ZIN | INSULIN (2ZN-INSULIN PHENOL) |

* New or replacement entry since January 1993 release

**TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 1GF2 | | INSULIN-LIKE GROWTH FACTOR II MODEL | T.L.BLUNDELL,S.BEDARKAR,R.E.HUMBEL | 12/82 | |
| 1MCA | | MCAF/MCP-1(HUMAN) MODEL | A.M.GRONENBORN,G.M.CLORE | 4/91 | |
| 2MVP | | MYELOBLASTOSIS VIRAL PROTEASE/TFQAYPLREA MODEL | DUPONT PROTEIN CRYSTALLOGRAPHY GROUP | 9/90 | |
| 1MLP | | MUREIN LIPOPROTEIN MODEL | A.D.MCLACHLAN | 8/78 | |
| 1PAI | * | PROTEIN C INHIBITOR MODEL 1 | L.KUHN,C.FISHER,J.TAINER | 7/90 | |
| 2PAI | * | PROTEIN INHIBITOR C MODEL 2 | L.A.KUHN | 7/90 | |
| 1RLX | | RELAXIN(CONFORMATION A,UNREFINED) MODEL | N.W.ISAACS,G.DODSON,A.C.EVANS,A.JACK,A.C.T.NORTH,R.JAMES,H.NIALL, G.BRYANT-GREENWOOD | 3/78 | |
| 2RLX | | RELAXIN(CONFORMATION B,UNREFINED) MODEL | N.W.ISAACS,G.DODSON,A.C.EVANS,A.JACK,A.C.T.NORTH,R.JAMES,H.NIALL, G.BRYANT-GREENWOOD | 3/78 | |
| 3RLX | | RELAXIN(CONFORMATION A,REFINED) MODEL | N.W.ISAACS,G.DODSON,A.C.EVANS,A.JACK,A.C.T.NORTH,R.JAMES,H.NIALL, G.BRYANT-GREENWOOD | 3/78 | |
| 4RLX | | RELAXIN(CONFORMATION B,REFINED) MODEL | N.W.ISAACS,G.DODSON,A.C.EVANS,A.JACK,A.C.T.NORTH,R.JAMES,H.NIALL, G.BRYANT-GREENWOOD | 3/78 | |
| 1BST | * | SOMATOTROPIN(BOVINE GROWTH HORMONE) | CARLACCI,CHOU,MAGGIORA | 2/91 | |
| 1SDG | | SORBITOL DEHYDROGENASE MODEL | H.EKLUND,E.HORJALES,H.JORNVALL,C.-I.BRANDEN,J.JEFFERY | 8/90 | |
| 7TMN | | THERMOLYSIN SUBSTRATE(TRANSITION) MODEL | H.M.HOLDEN,D.E.TRONRUD,A.F.MONZINGO,L.H.WEAVER,B.W.MATTHEWS | 6/87 | |
| 5TRA | | TRANSFER RNA(YEAST,SER) MODEL | A.C.DOCK-BREGEON | 2/90 | |
| 1TNC | | TROPONIN(CA-BINDING COMPONENT) MODEL | R.H.KRETSINGER,C.D.BARRY | 7/80 | A |

* New or replacement entry since January 1993 release

Status Codes:

| | |
|---|---|
| Blank | Standard entry available for distribution |
| A | Alpha carbon atoms only |
| B | Backbone atoms only |
| R | Replacement |

**TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 2TS1 | | TYROSYL TRNA SYNTHETASE | P.BRICK,T.N.BHAT,D.M.BLOW | 6/89 | |
| 3TS1 | | TYROSYL TRNA SYNTHETASE/TYROSINYL ADENYLATE | C.MONTEILHET,P.BRICK,D.M.BLOW | 6/89 | |
| 4TS1 | | TYROSYL TRNA SYNTHETASE MUTANT (RESIDUES 318-417 DELETED) | P.BRICK,D.M.BLOW | 6/89 | |
| 1UBQ | | UBIQUITIN(HUMAN) | S.VIJAY-KUMAR,C.E.BUGG,W.J.COOK | 1/87 | |
| 1UTG | | UTEROGLOBIN(RABBIT) | I.MORIZE,E.SURCOUF,M.C.VANEY,M.BUEHNER,J.P.MORNON | 4/89 | |
| 2UTG | | UTEROGLOBIN(RABBIT) | R.BALLY,J.DELETTRE | 5/89 | |
| 1VSG | | VARIANT SURFACE GLYCOPROTEIN(N-TERMINAL DOMAIN) | D.FREYMANN,J.DOWN,D.C.WILEY | 10/90 | |
| 1BMV | | BEAN POD MOTTLE VIRUS | J.E.JOHNSON | 10/89 | |
| 2MEV | | MENGO VIRUS | M.G.ROSSMANN | 4/89 | |
| 2DPV | | PARVOVIRUS COAT PROTEIN | J.TSAO,M.S.CHAPMAN,M.AGBANDJE,W.KELLER,K.SMITH,H.WU,M.LUO,T.J.SMITH, M.G.ROSSMANN,R.W.COMPANS,C.R.PARRISH | 7/92 | |
| 2PLV | | POLIO VIRUS | D.J.FILMAN,J.M.HOGLE | 10/89 | |
| 1R1A | | RHINOVIRUS 1A | S.KIM,M.G.ROSSMANN | 3/89 | |
| 4RHV | | RHINOVIRUS 14(HUMAN) | E.ARNOLD,M.G.ROSSMANN | 1/88 | |
| 2RS1 | | RHINOVIRUS/ANTIVIRAL AGENT 1S | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | |
| 2RR1 | | RHINOVIRUS/ANTIVIRAL AGENT 1R | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | |
| 2RM2 | | RHINOVIRUS/ANTIVIRAL AGENT 2 | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | |
| 2RS3 | | RHINOVIRUS/ANTIVIRAL AGENT 3S | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | |
| 2R04 | | RHINOVIRUS/ANTIVIRAL AGENT 4 | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | |
| 2RS5 | | RHINOVIRUS/ANTIVIRAL AGENT 5S | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | |
| 2R06 | | RHINOVIRUS/ANTIVIRAL AGENT 6 | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | |
| 2R07 | | RHINOVIRUS/ANTIVIRAL AGENT 7 | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | |
| 1R08 | | RHINOVIRUS/ANTIVIRAL AGENT 8 | J.BADGER,T.J.SMITH,M.G.ROSSMANN | 10/88 | |
| 1R09 | | RHINOVIRUS 14/R61837 | M.S.CHAPMAN,I.MINOR,M.G.ROSSMANN,G.D.DIANA,K.ANDRIES | 5/90 | |
| 1RMU | | RHINOVIRUS MUTANT((1)C199Y) | J.BADGER,S.KRISHNASWAMY,M.J.KREMER,M.A.OLIVEIRA, M.G.ROSSMANN,B.A.HEINZ,R.R.RUECKERT,F.J.DUTKO,M.A.MCKINLAY | 10/88 | |
| 2RMU | | RHINOVIRUS MUTANT((1)V188L) | J.BADGER,S.KRISHNASWAMY,M.J.KREMER,M.A.OLIVEIRA, M.G.ROSSMANN,B.A.HEINZ,R.R.RUECKERT,F.J.DUTKO,M.A.MCKINLAY | 10/88 | |
| 2STV | | VIRUS(SATELLITE TOBACCO NECROSIS) | T.A.JONES,L.LILJAS | 6/84 | |
| 4SBV | | VIRUS COAT PROTEIN(SOUTHERN BEAN MOSAIC) | M.G.ROSSMANN | 4/85 | |
| 2TMV | | VIRUS(TOBACCO MOSAIC) | G.STUBBS,R.PATTANAYEK,K.NAMBA | 9/88 | |
| 2TBV | | VIRUS(TOMATO BUSHY STUNT) | S.C.HARRISON | 6/84 | |
| 1XIA | | D-XYLOSE ISOMERASE(ARTHROBACTER) | D.M.BLOW | 2/88 | A |
| 3XIA | | XYLOSE ISOMERASE(STREP.OLIVOCHROMOGENES) | G.FARBER,G.PETSKO | 2/89 | |
| 4XIA | | D-XYLOSE ISOMERASE(ARTHROBACTR)/SORBITOL | K.HENRICK,C.A.COLLYER,D.M.BLOW | 7/89 | |
| 5XIA | | D-XYLOSE ISOMERASE(ARTHROBACTER)/XYLITOL | K.HENRICK,C.A.COLLYER,D.M.BLOW | 7/89 | |
| 1XIM | * | D-XYLOSE ISOMERASE(A.MIS.)/XYLITOL/CO | J.JANIN ET AL. | 5/91 | |
| 2XIM | * | D-XYLOSE ISOMERASE(A.MIS.)/XYLOSE/MG | J.JANIN ET AL. | 5/91 | |
| 3XIM | * | D-XYLOSE ISOMERASE(A.MIS.)/SORBITOL/CO | J.JANIN ET AL. | 5/91 | |
| 6XIA | | XYLOSE ISOMERASE(STREPTOMYCES ALBUS) | Z.DAUTER,H.TERRY,K.S.WILSON | 9/90 | |
| 7XIA | | D-XYLOSE ISOMERASE(S.RUBIGINOSUS) | H.L.CARRELL,J.P.GLUSKER | 10/90 | R |
| 8XIA | | D-XYLOSE ISOMERASE(S.RUBIGINOSUS)/D-XYLOSE | H.L.CARRELL,J.P.GLUSKER | 10/90 | |
| 9XIA | | D-XYLOSE ISOMERASE(S.RUBIGINOSUS)/INHIB | H.L.CARRELL,J.P.GLUSKER | 10/90 | |
| 1XIS | | D-XYLOSE ISOMERASE(S.RUBIGINOSUS)/MNCL2 | M.WHITLOW,A.J.HOWARD | 3/91 | |
| 2XIS | | D-XYLOSE ISOMERASE(S.RUB.)/XYLITOL | M.WHITLOW,A.J.HOWARD | 3/91 | |
| 3XIS | | D-XYLOSE ISOMERASE(S.RUB.)/XYLOSE | M.WHITLOW,A.J.HOWARD | 3/91 | |
| 4XIS | | D-XYLOSE ISOMERASE(S.RUB.)/XYLOSE/MNCL2 | M.WHITLOW,A.J.HOWARD | 3/91 | |
| 1ZNF | | ZINC FINGER(NMR) | M.S.LEE,G.P.GIPPERT,K.V.SOMAN,D.A.CASE,P.E.WRIGHT | 9/89 | |
| 2ZNF | | ZINC FINGER(NMR,16 STRUCTURES) | M.F.SUMMERS,T.L.SOUTH,B.KIM,D.R.HARE | 3/90 | |
| 3ZNF | | ZINC FINGER(NMR) | A.M.GRONENBORN,G.M.CLORE,J.G.OMICHINSKI | 7/90 | |
| 4ZNF | | ZINC FINGER(NMR,40 STRUCTURES) | A.M.GRONENBORN,G.M.CLORE,J.G.OMICHINSKI | 7/90 | |
| THEORETICAL MODELS | | | | | |
| 1ATF | | ANTIFREEZE PROTEIN(WINTER FLOUNDER)MODEL | K.-C.CHOU | 10/91 | |
| 2APD | | APOLIPOPROTEIN D (MODEL) | M.C.PEITSCH,M.S.BOGUSKI | 4/92 | |
| 2CLN | | CALMODULIN/TRIFLUOPERAZINE MODEL | N.C.J.STRYNADKA,M.N.G.JAMES | 2/88 | |
| 2CP1 | | CYTOTOXIC CELL PROTEASE 1 MODEL | M.MURPHY,M.N.G.JAMES | 10/90 | |
| 1APK | | CAMP-DEPENDENT PROTEIN KINASE(IA) MODEL | I.T.WEBER | 3/89 | |
| 1BPK | | CAMP-DEPENDENT PROTEIN KINASE(IB) MODEL | I.T.WEBER | 3/89 | |
| 2APK | | CAMP-DEPENDENT PROTEIN KINASE(IIA) MODEL | I.T.WEBER | 3/89 | |
| 2BPK | | CAMP-DEPENDENT PROTEIN KINASE(IIB) MODEL | I.T.WEBER | 3/89 | |
| 1DN7 | | DNA(POLY(DG)-POLY(DC),SYNTHETIC) MODEL | M.J.MCCALL,T.BROWN,O.KENNARD | 5/87 | |
| 2ZNA | | DNA(Z-I,CGCGCG,SYNTHETIC) MODEL | A.H.-J.WANG,G.J.QUIGLEY,F.J.KOLPAK,G.VAN DER MAREL,J.H.VAN BOOM,A.RICH | 2/81 | |
| 3ZNA | | DNA(Z-II,CGCGCG,SYNTHETIC) MODEL | A.H.-J.WANG,G.J.QUIGLEY,F.J.KOLPAK,G.VAN DER MAREL,J.H.VAN BOOM,A.RICH | 2/81 | |
| 1DNN | | DNA(ATCGGCTAAG...) MODEL | J.L.SUSSMAN,E.N.TRIFONOV | 11/82 | |
| 2GAP | | CATABOLITE GENE ACTIVATOR PROTEIN/DNA (MODEL) | I.T.WEBER,T.A.STEITZ | 3/86 | A |
| 1FLX | | FELIX(DESIGNED PROTEIN) MODEL 1 | T.P.QUINN,D.C.RICHARDSON,J.S.RICHARDSON | 8/90 | |
| 3FLX | | FELIX(DESIGNED PROTEIN) MODEL 2 | T.P.QUINN,D.C.RICHARDSON,J.S.RICHARDSON | 8/91 | |
| 1HF1 | | HANNUKA FACTOR MODEL | M.MURPHY,M.N.G.JAMES | 12/89 | |
| 1DHL | | DELTA HEMOLYSIN(STAPH.AUREUS) MODEL 1 | G.RAGHUNATHAN,H.R.GUY | 7/90 | |
| 2DHL | | DELTA HEMOLYSIN(STAPH.AUREUS) MODEL 2 | G.RAGHUNATHAN,H.R.GUY | 7/90 | |
| 3DHL | | DELTA HEMOLYSIN(STAPH.AUREUS) MODEL 3 | G.RAGHUNATHAN,H.R.GUY | 7/90 | |
| 1HVP | | HIV-1 PROTEASE MODEL | I.T.WEBER | 3/89 | |
| 1PHV | | HIV-2 PROTEASE/ACETYL PEPSTATIN MODEL | A.GUSTCHINA,I.T.WEBER | 2/91 | |
| 2PHV | | HIV-2 PROTEASE/RENIN INHIBTR H261 MODEL | A.GUSTCHINA,I.T.WEBER | 2/91 | |
| 1IGE | | IMMUNOGLOBULIN E(FC FRAGMENT) MODEL | E.A.PADLAN,D.R.DAVIES | 1/85 | |
| 2IGE | | IMMUNOGLOBULIN E(FC FRAGMENT) MODEL | E.A.PADLAN,B.A.HELM | 10/90 | |
| 1HFM | | HYHEL-10 ANTIBODY,FV REGION MODEL | S.J.SMITH-GILL,C.MAINHART,T.B.LAVOIE,R.J.FELDMANN,W.DROHAN,B.R.BROOKS | 10/87 | |
| 2HFM | | HYHEL-10/LYSOZYME COMPLEX MODEL | S.J.SMITH-GILL,C.MAINHART,T.B.LAVOIE,R.J.FELDMANN,W.DROHAN,B.R.BROOKS | 10/87 | |
| 1FVB | | IMMUNOGLOBULIN FV B1912 MODEL | E.A.PADLAN,E.A.KABAT | 4/88 | |
| 2FVB | | IMMUNOGLOBULIN FV B1912 MODEL | E.A.PADLAN,E.A.KABAT | 4/88 | |
| 1FVW | | IMMUNOGLOBULIN IGA FV W3129 (MODEL) | E.A.PADLAN,E.A.KABAT | 4/88 | |
| 2FVW | | IMMUNOGLOBULIN FV W3129 MODEL | E.A.PADLAN,E.A.KABAT | 4/88 | |
| 1GF1 | | INSULIN-LIKE GROWTH FACTOR I MODEL | T.L.BLUNDELL,S.BEDARKAR,R.E.HUMBEL | 12/82 | |

**TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 4TRX | | THIOREDOXIN(HUMAN,NMR,33 STRUCTURES) | J.D.FORMAN-KAY,G.M.CLORE,A.M.GRONENBORN | 12/90 | |
| 3TMS | | THYMIDYLATE SYNTHETASE(E.COLI) | K.M.PERRY,R.M.STROUD | 9/91 | |
| 2TSC | | THYMIDYLATE SYNTHETASE COMPLEX(E.COLI) | W.R.MONTFORT,R.M.STROUD | 7/91 | |
| 4TMS | | THYMIDYLATE SYNTHASE | J.FINER-MOORE,R.STROUD | 1/92 | |
| 1TPT | | THYMIDINE PHOSPHORYLASE/THYMINE/SO4 | M.R.WALTER,W.J.COOK,L.B.COLE,S.A.SHORT,G.W.KOSZALKA,T.A.KRENITSKY, S.E.EALICK | 6/90 | A |
| 1TPK | | TISSUE PLASMINOGEN ACTIVATOR(KRINGLE2) | A.M.DE VOS,M.H.ULTSCH.R.F.KELLEY,K.PADMANABHAN,A.TULINSKY, M.L.WESTBROOK,A.A.KOSSIAKOFF | 9/91 | |
| 1TON | | TONIN(RAT) | M.FUJINAGA,M.N.G.JAMES | 6/87 | |
| 1ATX | | TOXIN ATX IA(SEA ANEMONE)(NMR,8 STRUCTURES) | M.BILLETER,H.WIDMER,K.WUTHRICH | 5/90 | |
| 2TRA | | TRANSFER RNA(YEAST ASP,FORM A) | E.WESTHOF,P.DUMAS,D.MORAS | 11/87 | |
| 3TRA | | TRANSFER RNA(YEAST ASP,FORM B) | E.WESTHOF,P.DUMAS,D.MORAS | 11/87 | |
| 1TN1 | | TRANSFER RNA(YEAST,PHE,PB,PH 7.4) | J.C.DEWAN,R.S.BROWN,B.E.HINGERTY,A.KLUG | 12/86 | |
| 1TN2 | | TRANSFER RNA(YEAST,PHE,PB,PH 5.0) | J.C.DEWAN,R.S.BROWN,A.KLUG | 8/86 | |
| 4TNA | | TRANSFER RNA(YEAST,PHE) | A.JACK,J.E.LADNER,A.KLUG | 4/78 | |
| 6TNA | | TRANSFER RNA(YEAST,PHE) | J.L.SUSSMAN,S.R.HOLBROOK,R.W.WARRANT,G.M.CHURCH,S.-H.KIM | 11/78 | |
| 1TRA | | TRANSFER RNA(YEAST,PHE) | M.SUNDARALINGAM ET AL. | 5/86 | |
| 4TRA | | TRANSFER RNA(YEAST PHE,ORTHORHOMBIC) | E.WESTHOF,P.DUMAS,D.MORAS | 11/87 | |
| 1TFD | * | TRANSFERRIN(N-TERMINAL HALF-MOLECULE) | R.SARRA,P.LINDLEY | 8/90 | |
| 4TGF | | TRANSFORMING GROWTH FACTOR ALPHA(NMR,3) | T.P.KLINE,F.K.BROWN,S.C.BROWN,P.W.JEFFS,K.D.KOPPLE,L.MUELLER | 6/90 | |
| 2TGF | * | TRANSFORMING GROWTH FACTOR(NMR) | I.CAMPBELL ET AL. | 1/91 | |
| 3TGF | * | TRANSFORMING GROWTH FACTOR (NMR,4 STRUCTURES) | I.CAMPBELL ET AL. | 1/91 | |
| 1TGL | | TRIACYLGLYCEROL LIPASE | L.BRADY,A.M.BRZOZOWSKI,Z.S.DEREWENDA,E.J.DODSON,G.G.DODSON, S.P.TOLLEY,J.P.TURKENBURG,L.CHRISTIANSEN,B.HUGE-JENSEN,L.NORSKOV, L.THIM | 2/90 | A |
| 1TIM | | TRIOSE PHOSPHATE ISOMERASE | D.W.BANNER,A.C.BLOOMER,G.A.PETSKO,D.C.PHILLIPS, I.A.WILSON | 9/76 | |
| 3TIM | | TRIOSE PHOSPHATE ISOMERASE(SULFATE-FREE) | R.K.WIERENGA | 5/90 | |
| 1YPI | | TRIOSE PHOSPHATE ISOMERASE(YEAST) | T.ALBER,E.LOLIS,G.A.PETSKO | 1/90 | |
| 2YPI | | TIM(YEAST)/2-PHOSPHOGLYCOLATE | E.LOLIS,G.A.PETSKO | 1/90 | |
| 4TIM | | TIM(TRYPANOSOMA)/2-PHOSPHOGLYCERATE | M.E.M.NOBEL,R.K.WIERENGA,W.G.J.HOL | 4/91 | |
| 5TIM | | TIM(TRYPANOSOMA)/SULFATE | R.K.WIERENGA,W.G.J.HOL | 4/91 | |
| 6TIM | | TIM(TRYPANOSOMA)/GLYCEROL-3-PHOSPHATE | M.E.M.NOBLE,R.K.WIERENGA,W.G.J.HOL | 4/91 | |
| 3YPI | * | TRIOSE PHOSPHATE ISOMERASE(SACCHAROMYCES CEREVISIAE) MUTANT(H95Q)/PGH | E.LOLIS,G.PETSKO | 12/90 | |
| 2TMA | | ALPHA TROPOMYOSIN | G.N.PHILLIPS JUNIOR,C.COHEN | 9/87 | A |
| 4TNC | | TROPONIN C(CHICKEN) | M.SUNDARALINGAM | 9/87 | |
| 5TNC | | TROPONIN C(TURKEY) | O.HERZBERG,M.N.G.JAMES | 5/88 | |
| 1WRP | | TRP REPRESSOR(TRIGONAL) | R.W.SCHEWITZ,Z.OTWINOWSKI,C.L.LAWSON,A.J.JOACHIMIAK,P.B.SIGLER | 12/87 | |
| 2WRP | | TRP REPRESSOR(ORTHORHOMBIC) | C.L.LAWSON,P.B.SIGLER | 12/87 | |
| 3WRP | | APO-TRP REPRESSOR | R.-G.ZHANG,P.B.SIGLER | 12/87 | |
| 2PTN | | TRYPSIN(ORTHORHOMBIC,2.4M (NH4)2SO4) | J.WALTER,W.STEIGEMANN,T.P.SINGH,H.BARTUNIK,W.BODE,R.HUBER | 10/81 | |
| 1TPO | | TRYPSIN(ORTHORHOMBIC) | W.BODE,J.WALTER,R.HUBER | 9/82 | |
| 1TLD | | TRYPSIN(BOVINE,ORTHORHOMBIC) | H.D.BARTUNIK,L.J.SUMMERS,H.H.BARTSCH | 7/89 | |
| 3PTN | | TRYPSIN(TRIGONAL,2.4M (NH4)2SO4) | J.WALTER,W.STEIGEMANN,T.P.SINGH,H.BARTUNIK,W.BODE,R.HUBER | 10/81 | |
| 3PTB | | TRYPSIN(BENZAMIDINE INHIBITED) | W.BODE,P.SCHWAGER,J.WALTER | 9/82 | |
| 1TPP | | TRYPSIN/P-AMIDINO-PHENYL-PYRUVATE | J.WALTER,W.BODE,R.HUBER | 9/82 | |
| 4PTP | | TRYPSIN(DIP INHIBITED) | J.L.CHAMBERS,R.M.STROUD,J.FINER-MOORE | 4/88 | |
| 1NTP | | MODIFIED BETA TRYPSIN(NEUTRON) | A.A.KOSSIAKOFF | 9/87 | |
| 1TRM | | TRYPSIN(RAT) MUTANT(D102N) | S.SPRANG,T.STANDING,R.J.FLETTERICK | 10/87 | |
| 2TRM | | TRYPSIN(RAT) MUTANT(D102N)/BENZAMIDINE | R.M.STROUD,J.FINER-MOORE | 4/88 | |
| 4PTI | | TRYPSIN INHIBITOR(BOVINE,PANCREAS) | R.HUBER,D.KUKLA,A.RUEHLMANN,O.EPP,H.FORMANEK,J.DEISENHOFER, W.STEIGEMANN | 9/82 | |
| 5PTI | | TRYPSIN INHIBITOR(BOVINE,XRAY+NEUTRON) | A.WLODAWER,R.HUBER | 10/84 | |
| 6PTI | | TRYPSIN INHIBITOR(FORM III,BOVINE) | A.WLODAWER | 5/87 | |
| 7PTI | | TRYPSIN INHIBITOR MUTANT(C30A,C51A) | C.EIGENBROT,M.RANDAL,A.A.KOSSIAKOFF | 3/90 | |
| 8PTI | | TRYPSIN INHIBITOR MUTANT(Y35G) | D.HOUSSET,K.-S.KIM,J.FUCHS,C.WOODWARD,A.WLODAWER | 12/90 | |
| 2ETI | | TRYPSIN INHIBITOR EETI II(NMR) | A.HEITZ,L.CHICHE,D.LE-NGUYEN,B.CASTRO | 7/91 | |
| 1CTI | | TRYPSIN INHIBITOR(NMR,MIN AVRGD STRUCTURE) | T.A.HOLAK,D.GONDOL,J.OTLEWSKI,T.WILUSZ | 8/90 | |
| 2CTI | | TRYPSIN INHIBITOR(NMR,5 STRUCTURES) | T.A.HOLAK,D.GONDOL,J.OTLEWSKI,T.WILUSZ | 8/90 | |
| 9PTI | | TRYPSIN INHIBITOR(BASIC,MET 52 OXIDIZED) | C.EIGENBROT,M.RANDAL,A.A.KOSSIAKOFF | 4/91 | |
| 1BPT | | BOVINE PANCREATIC TRYPSIN INHIBITOR MUTANT(Y23A) | D.HOUSSET,A.WLODAWER,F.TAO,J.FUCHS,C.WOODWARD | 12/91 | |
| 3CTI | | TRYPSIN INHIBITOR(SQUASH)(NMR) | M.NILGES,J.HABAZETTL,A.T.BRUENGER,T.A.HOLAK | 3/91 | |
| 1TIE | | TRYPSIN INHIBITOR(ERYTHRINA CAFFRA) | S.ONESTI,P.BRICK.D.M.BLOW | 2/91 | |
| 1PI2 | | BOWMAN-BIRK TRYPSIN INHIBITOR PI-2 | P.CHEN,J.ROSE,B.C.WANG | 3/91 | |
| 2PTC | | TRYPSIN/TRYPSIN INHIBITOR | R.HUBER,J.DEISENHOFER | 9/82 | |
| 1TPA | | TRYPSIN(ANHYDRO)/TRYPSIN INHIBITOR | R.HUBER,W.BODE,J.DEISENHOFER | 9/82 | |
| 2TLD | | TRYPSIN/SSI MUTANT(M70G,M73K) | Y.MITSUI,Y.TAKEUCHI,T.NONAKA,K.T.NAKAMURA | 9/91 | |
| 1TAB | | TRYPSIN/BOWMAN-BIRK INHIBITOR AB-I | Y.TSUNOGAE,I.TANAKA,T.YAMANE,J.-I.KIKKAWA,T.ASHIDA,C.ISHIKAWA, K.WATANABE,S.NAKAMURA,K.TAKAHASHI | 10/90 | |
| 1SGT | | TRYPSIN(STREPTOMYCES GRISEUS) | R.J.READ,M.N.G.JAMES | 4/88 | |
| 1TGN | | TRYPSINOGEN | A.A.KOSSIAKOFF,R.M.STROUD | 9/79 | |
| 2TGA | | TRYPSINOGEN(2.4M MGSO4) | J.WALTER,W.STEIGEMANN,T.P.SINGH,H.BARTUNIK,W.BODE,R.HUBER | 10/81 | |
| 1TGC | | TRYPSINOGEN(0.50 METHANOL,0.50 WATER) | J.WALTER,W.STEIGEMANN,T.P.SINGH,H.BARTUNIK,W.BODE,R.HUBER | 10/81 | |
| 1TGT | | TRYPSINOGEN(173 K,0.70 METHANOL,0.30 WATER) | J.WALTER,W.STEIGEMANN,T.P.SINGH,H.BARTUNIK,W.BODE,R.HUBER | 10/81 | |
| 2TGT | | TRYPSINOGEN(103 K,0.70 METHANOL,0.30 WATER) | J.WALTER,W.STEIGEMANN,T.P.SINGH,H.BARTUNIK,W.BODE,R.HUBER | 10/81 | |
| 1TGB | | TRYPSINOGEN(WITH CA, FROM PEG) | W.BODE,H.FEHLHAMMER,R.HUBER | 3/79 | |
| 2TGD | | TRYPSINOGEN(DIP-INHIBITED,BOVINE) | M.O.JONES,R.M.STROUD | 3/86 | |
| 2TGP | | TRYPSINOGEN/TRYPSIN INHIBITOR | R.HUBER,W.BODE,J.DEISENHOFER,P.SCHWAGER | 9/82 | |
| 3TPI | | TRYPSINOGEN/TRYPSIN INHIBITOR/ILE-VAL | R.HUBER,W.BODE,J.DEISENHOFER,P.SCHWAGER | 9/82 | |
| 2TPI | | TRYPSINOGEN/PTI/ILE-VAL (MERCURATED) | J.WALTER,W.STEIGEMANN,T.P.SINGH,H.BARTUNIK,W.BODE,R.HUBER | 10/81 | |
| 4TPI | | TRYPSINOGEN/ARG-15-PTI/VAL-VAL | W.BODE,J.WALTER | 6/85 | |
| 1TGS | | TRYPSINOGEN/PSTI | M.BOLOGNESI,G.GATTI,E.MENEGATTI,M.GUARNERI,M.MARQUART,E.PAPAMOKOS, R.HUBER | 9/82 | |
| 1WSY | | TRYPTOPHAN SYNTHASE(S.TYPHIMURIUM) | C.HYDE,S.AHMED,E.PADLAN,E.MILES,D.DAVIES | 9/88 | |
| 1TNF | | TUMOR NECROSIS FACTOR | M.J.ECK,S.R.SPRANG | 8/89 | |

**TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 3RN3 | | RIBONUCLEASE A(BOVINE) | B.HOWLIN,D.S.MOSS,G.W.HARRIS,R.A.PALMER | 10/91 | R |
| 7RSA | | RIBONUCLEASE A(PHOSPHATE-FREE) | A.WLODAWER,G.L.GILLILAND | 6/88 | |
| 8RSA | | RIBONUCLEASE A/DT | J.NACHMAN,A.WLODAWER | 8/89 | |
| 9RSA | | RIBONUCLEASE A/DU | J.NACHMAN,A.WLODAWER | 8/89 | |
| 1RSM | | LYS 7-DNP-LYS 41 RIBONUCLEASE A | P.C.WEBER,S.SHERIFF,D.H.OHLENDORF,B.C.FINZEL,F.R.SALEMME | 8/85 | |
| 1SRN | | RIBONUCLEASE A(SEMISYNTHETIC) | P.D.MARTIN,M.S.DOSCHER,B.F.P.EDWARDS | 10/90 | |
| 1RBB | | RIBONUCLEASE B(GLYCOSYLATED) | R.L.WILLIAMS,S.M.GREENE,A.MCPHERSON | 9/87 | |
| 1RNH | | RIBONUCLEASE H(E.COLI) | W.YANG,W.A.HENDRICKSON,R.J.CROUCH,Y.SATOW | 7/90 | |
| 1RMS | | RIBONUCLEASE MS/3'-GUANYLIC ACID | T.NONAKA,Y.MITSUI AND K.T.NAKAMURA | 12/91 | |
| 1RNS | | RIBONUCLEASE S | F.M.RICHARDS,H.W.WYCKOFF | 4/73 | |
| 1SAR | | RIBONUCLEASE SA(STREP.AUREOFACIENS) | J.SEVCIK,E.J.DODSON,G.G.DODSON | 12/90 | |
| 2SAR | | RIBONUCLEASE SA(STREP.AUREOFACIENS)/GMP | J.SEVCIK,E.J.DODSON,G.G.DODSON | 12/90 | |
| 1RNT | | RIBONUCLEASE T1/GUANYLIC ACID | W.SAENGER,R.ARNI,U.HEINEMANN,R.TOKUOKA | 7/87 | |
| 2RNT | | RIBONUCLEASE T1/GUANYL-2',5'-GUANOSINE | W.SAENGER,J.KOEPKE,M.MASLOWSKA,U.HEINEMANN | 7/88 | |
| 3RNT | | RIBONUCLEASE T1/VANADATE | D.KOSTREWA,H.-W.CHOE,U.HEINEMANN,W.SAENGER | 5/89 | |
| 4RNT | | RIBONUCLEASE T1 MUTANT(H92A) | W.SAENGER,G.KOELLNER | 2/90 | |
| 5RNT | | RIBONUCLEASE T1/GUANOSINE-3',5'-BISPHOSPHATE | W.SAENGER,U.HEINEMANN,A.LENZ | 4/91 | |
| 6RNT | | RIBONUCLEASE T1/2'-AMP | W.SAENGER ET AL. | 8/91 | |
| 7RNT | | RIBONUCLEASE T1 MUTANT(Y45W)/2'-AMP | W.SAENGER ET AL. | 8/91 | |
| 8RNT | | RIBONUCLEASE T1/ZN++ | J.DING,H.-W.CHOE,J.GRANZIN,W.SAENGER | 9/91 | |
| 9RNT | | RIBONUCLEASE T1/CA++ | J.MARTINEZ-OYANEDEL,U.HEINEMANN,W.SAENGER | 9/91 | |
| 1RN4 | | RIBONUCLEASE T1 MUTANT(H92A) | W.SAENGER ET AL. | 11/91 | |
| 1RGK | | RIBONUCLEASE T1 MUTANT(E46Q)/2'-AMP | J.GRANZIN,R.PURAS-LUTZKE,O.LANDT,H.-P.GRUNERT,U.HEINEMANN, W.SAENGER,U.HAHN | 2/92 | |
| 1RGL | | RIBONUCLEASE T1 MUTANT(E46Q)/2'-GMP | J.GRANZIN,R.PURAS-LUTZKE,O.LANDT,H.-P.GRUNERT,U.HEINEMANN, W.SAENGER,U.HAHN | 2/92 | |
| 1RNA | | RNA(U(UA)6A) | A.C.DOCK-BREGEON,B.CHEVRIER,A.PODJARNY,J.JOHNSON,J.S.DEBEAR, G.R.GOUGH,P.T.GILHAM,D.MORAS | 2/90 | |
| 1ROP | | ROP(COL E1) | M.KOKKINIDIS,D.W.BANNER,D.TSERNOGLOU | 4/91 | |
| 2RSP | | ROUS SARCOMA VIRUS PROTEASE | A.WLODAWER,M.MILLER,M.JASKOLSKI | 10/89 | |
| 9RUB | | RUBISCO(R.RUBRUM)/RIBULOSE-1,5-BISPHOSPHATE | T.LUNDQVIST,G.SCHNEIDER | 11/90 | |
| 5RUB | | RUBISCO(RHODOSPIRILLUM RUBRUM) | G.SCHNEIDER,Y.LINDQVIST,T.LUNDQVIST | 5/90 | R |
| 1RUS | | RUBISCO(R.RUBRUM)/3-PHOSPHOGLYCERATE | T.LUNDQVIST,G.SCHNEIDER | 10/91 | |
| 2RUS | | RUBISCO(RHODOSPIRILLUM RUBRUM)/CO2/MG2+ | T.LUNDQVIST,G.SCHNEIDER | 10/91 | |
| 8RUB | | RUBISCO(SPINACH)/CABP | S.KNIGHT,I.ANDERSSON,C.-I.BRANDEN | 11/90 | |
| 3RUB | | RUBISCO(FORM III) | H.SCHREUDER,D.CASCIO,P.M.G.CURMI,M.S.CHAPMAN,S.W.SUH, D.S.EISENBERG | 5/90 | |
| 4RUB | | RUBISCO(FORM IV) | H.SCHREUDER,D.CASCIO,P.M.G.CURMI,D.EISENBERG | 5/90 | |
| 4RXN | | RUBREDOXIN(C.PASTEURIANUM,UNCONSTR REF) | K.D.WATENPAUGH,L.C.SIEKER,L.H.JENSEN | 10/84 | |
| 5RXN | | RUBREDOXIN(OXIDIZED,FE(III)) | K.D.WATENPAUGH | 10/84 | |
| 6RXN | | RUBREDOXIN(DESULFOVIBRIO DESULFURICANS) | R.E.STENKAMP,L.C.SIEKER,L.H.JENSEN | 1/90 | |
| 1RDG | | RUBREDOXIN(DESULFOVIBRIO GIGAS) | M.FREY,L.C.SIEKER,F.PAYAN | 3/88 | |
| 7RXN | | RUBREDOXIN(DESULFOVIBRIO VULGARIS) | E.T.ADMAN,L.C.SIEKER,L.H.JENSEN | 5/90 | R |
| 2SNS | | STAPHYLOCOCCAL NUCLEASE | M.J.LEGG,F.A.COTTON,E.E.HAZEN JUNIOR | 5/82 | |
| 1SNC | | STAPH NUCLEASE/CA2+/PDTP | P.J.LOLL,E.E.LATTMAN | 7/89 | |
| 1SNM | | STAPH NUCLEASE MUTANT(E43D) | P.J.LOLL,E.E.LATTMAN | 2/90 | |
| 2SNM | | STAPH NUCLEASE MUTANT(V66K) | W.STITES,A.GITTIS,E.LATTMAN,D.SHORTLE | 4/91 | |
| 1STY | * | STAPHYLOCOCCAL NUCLEASE INSERTION MUTANT (126G127) | L.J.KEEFE,E.E.LATTMAN | 2/93 | |
| 1STP | | STREPTAVIDIN/BIOTIN | DUPONT PROTEIN CRYSTALLOGRAPHY GROUP | 3/92 | |
| 2SSI | | SUBTILISIN INHIBITOR(STREPTOMYCES) | Y.MITSUI,Y.SATOW,Y.WATANABE,Y.IITAKA | 4/80 | |
| 1SBC | | SUBTILISIN CARLSBERG | D.J.NEIDHART,G.A.PETSKO | 5/88 | |
| 2SEC | | SUBTILISIN CARLSBERG/EGLIN C | C.A.MCPHALEN,M.N.G.JAMES | 9/88 | |
| 1CSE | | SUBTILISIN CARLSBERG/EGLIN C | W.BODE | 6/88 | |
| 1SBT | | SUBTILISIN BPN' | R.A.ALDEN,J.J.BIRKTOFT,J.KRAUT,J.D.ROBERTUS, C.S.WRIGHT | 8/72 | |
| 1S01 | | SUBTILISIN BPN' MUTANT | M.WHITLOW,A.J.HOWARD,J.F.WOOD | 8/89 | |
| 1S02 | | SUBTILISIN BPN' MUTANT(Q19E,Q271E) | C.R.ERWIN,B.L.BARNETT,J.D.OLIVER,J.F.SULLIVAN | 2/91 | |
| 2SBT | | SUBTILISIN NOVO | J.DRENTH,W.G.J.HOL,J.N.JANSONIUS,R.KOEKOEK | 9/76 | |
| 2SNI | | SUBTILISIN NOVO/CHYMOTRYPSIN INHIBITOR | C.A.MCPHALEN,M.N.G.JAMES | 9/88 | |
| 2SIC | * | SUBTILISIN BPN'/SSI | Y.MITSUI ET AL. | 4/91 | R |
| 2ST1 | | SUBTILISIN(BAS) | R.BOTT | 5/90 | |
| 1ST2 | | SUBTILISIN(BASOX) | R.BOTT | 3/90 | |
| 2SOD | | SUPEROXIDE DISMUTASE | J.A.TAINER,E.D.GETZOFF,J.S.RICHARDSON,D.C.RICHARDSON | 3/80 | |
| 1SOS | * | SUPEROXIDE DISMUTASE | H.E.PARGE,R.A.HALLEWELL,J.A.TAINER | 2/92 | |
| 3SOD | * | SUPEROXIDE DISMUTASE(BOVINE) | J.TAINER ET AL. | 6/90 | |
| 3SDP | * | FE SUPEROXIDE DISMUTASE(PSEUDOMONAS OVALIS) | S.L.STODDARD,D.RINGE,G.A.PETSKO | 5/91 | |
| 1THI | | THAUMATIN I(KETEMFE BERRY) | S.-H.KIM | 5/89 | A |
| 2AIT | | TENDAMISTAT(NMR) | A.D.KLINE,W.BRAUN,P.GUNTERT,M.BILLETER,K.WUTHRICH | 5/89 | |
| 3AIT | | TENDAMISTAT(NMR,MINIMIZED USING AMBER) | M.BILLETER,T.SCHAUMANN,W.BRAUN,K.WUTHRICH | 5/90 | |
| 4AIT | | TENDAMISTAT(NMR,MINIMIZED USING FANTOM) | M.BILLETER,T.SCHAUMANN,W.BRAUN,K.WUTHRICH | 5/90 | |
| 1TEC | | THERMITASE/EGLIN-C | P.GROS,B.W.DIJKSTRA,W.G.J.HOL | 5/89 | |
| 2TEC | | THERMITASE/EGLIN-C (5MM CACL2) | P.GROS,C.BETZEL,Z.DAUTER,K.S.WILSON,W.G.J.HOL | 10/90 | |
| 3TEC | | THERMITASE/EGLIN-C (100MM CACL2) | P.GROS,K.H.KALK,W.G.J.HOL | 10/90 | |
| 3TLN | | THERMOLYSIN(NATIVE) | B.W.MATTHEWS,M.A.HOLMES | 2/82 | |
| 4TLN | | THERMOLYSIN(L-LEU-NHOH) | B.W.MATTHEWS,M.A.HOLMES | 2/82 | |
| 5TLN | | THERMOLYSIN(HONH-BZMALONYL-A-G-NTROANLD) | B.W.MATTHEWS,M.A.HOLMES | 2/82 | |
| 7TLN | | THERMOLYSIN(CH2CO(N-OH)LEUOCH3) | B.W.MATTHEWS,M.A.HOLMES,D.E.TRONRUD | 1/83 | |
| 1TLP | | THERMOLYSIN/PHOSPHORAMIDON INHIBITOR | D.E.TRONRUD,A.F.MONZINGO,B.W.MATTHEWS | 6/87 | |
| 1TMN | | THERMOLYSIN/CLT INHIBITOR | A.F.MONZINGO,B.W.MATTHEWS | 6/87 | |
| 2TMN | | THERMOLYSIN/PLN INHIBITOR | D.E.TRONRUD,A.F.MONZINGO,B.W.MATTHEWS | 6/87 | |
| 3TMN | | THERMOLYSIN/VW INHIBITOR | H.M.HOLDEN,B.W.MATTHEWS | 6/87 | |
| 4TMN | | THERMOLYSIN/ZFPLA INHIBITOR | H.M.HOLDEN,D.E.TRONRUD,A.F.MONZINGO,L.H.WEAVER,B.W.MATTHEWS | 6/87 | |
| 5TMN | | THERMOLYSIN/ZGPLL INHIBITOR | H.M.HOLDEN,D.E.TRONRUD,A.F.MONZINGO,L.H.WEAVER,B.W.MATTHEWS | 6/87 | |
| 6TMN | | THERMOLYSIN/ZGPOLL INHIBITOR | D.E.TRONRUD,H.M.HOLDEN,B.W.MATTHEWS | 6/87 | |
| 1SRX | | THIOREDOXIN(E. COLI, OXIDIZED) | B.-O.SODERBERG | 5/76 | A |
| 1TRX | | THIOREDOXIN(REDUCED,NMR,12 STRUCTURES) | H.J.DYSON,G.P.GIPPERT,D.A.CASE,A.HOLMGREN,P.E.WRIGHT | 1/90 | |
| 2TRX | | THIOREDOXIN(ESCHERICHIA COLI) | S.K.KATTI,D.M.LEMASTER,H.EKLUND | 3/90 | |
| 3TRX | | THIOREDOXIN(HUMAN,NMR) | J.D.FORMAN-KAY,G.M.CLORE,A.M.GRONENBORN | 12/90 | |

**TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 4Q21 | | C-H-RAS P21 PROTEIN(RESIDUES 1-188)/GDP | S.-H.KIM | 9/91 | |
| 6Q21 | | C-H-RAS P21 PROTEIN/GDPCP | S.-H.KIM | 7/92 | |
| 5P21 | | C-HARVEY-RAS P21 PROTEIN/GPPNP | E.F.PAI,A.WITTINGHOFER,W.KABSCH | 4/90 | |
| 1PPT | | AVIAN PANCREATIC POLYPEPTIDE | T.L.BLUNDELL,J.E.PITTS,I.J.TICKLE,S.P.WOOD | 1/81 | |
| 3DPA | | PAP D | A.HOLMGREN,C.-I.BRANDEN | 10/91 | A |
| 1PAD | | PAPAIN(ACE-ALA-ALA-PHE-ALA, CYS-25) | J.DRENTH,K.H.KALK,H.M.SWEN | 11/76 | |
| 2PAD | | PAPAIN(CYS DERIV OF CYS-25) | J.DRENTH,K.H.KALK,H.M.SWEN | 11/76 | |
| 9PAP | | PAPAIN (OXIDIZED CYS 25) | I.G.KAMPHUIS,J.DRENTH | 3/86 | |
| 4PAD | | PAPAIN(TOS-LYS, CYS-25) | J.DRENTH | 11/76 | |
| 5PAD | | PAPAIN(BZOXY-GLY-PHE-GLY, CYS-25) | J.DRENTH,K.H.KALK,H.M.SWEN | 11/76 | |
| 6PAD | | PAPAIN(BZOXY-PHE-ALA, CYS-25) | J.DRENTH,K.H.KALK,H.M.SWEN | 11/76 | |
| 1PE6 | * | PAPAIN/E-64-C PAPAYA FRUIT LATEX | D.YAMAMOTO ET AL. | 5/91 | |
| 1PPD | | PAPAIN D | J.N.JANSONIUS | 11/84 | |
| 5PEP | | PEPSIN(PORCINE) | J.B.COOPER,G.KHAN,G.TAYLOR,I.J.TICKLE,T.L.BLUNDELL | 5/90 | R |
| 3PEP | | PEPSIN(PORCINE) | C.ABAD-ZAPATERO,J.W.ERICKSON | 10/89 | |
| 4PEP | | PEPSIN(PORCINE) | N.ANDREEVA,A.A.FEDOROV,A.SIELECKI,M.JAMES | 12/89 | |
| 3PSG | | PEPSINOGEN(PORCINE) | HARTSUCK,KOELSCH,REMINGTON | 9/91 | |
| 2PSG | | PEPSINOGEN(PORCINE) | M.N.G.JAMES,A.R.SIELECKI | 1/91 | |
| 1PHS | | PHASEOLIN(FRENCH BEAN) | M.C.LAWRENCE,E.SUZUKI,J.N.VARGHESE,P.C.DAVIS,A.VAN DONKELAAR, P.A.TULLOCH,P.M.COLMAN | 3/90 | |
| 2HPR | | HISTIDINE-CONTAINING PHOSPHOCARRIER PROTEIN MUTANT(M51V,S83C) | O.HERZBERG | 9/92 | |
| 1PFK | | PHOSPHOFRUCTOKINASE/FRUCTOSE-1,6-BISPHOS-PHATE/ADP/MG | Y.SHIRAKIHARA,P.R.EVANS | 1/88 | |
| 2PFK | | PHOSPHOFRUCTOKINASE(E. COLI) | W.R.RYPNIEWSKI,P.R.EVANS | 1/88 | |
| 3PFK | | PHOSPHOFRUCTOKINASE | P.R.EVANS,P.J.HUDSON | 1/88 | |
| 4PFK | | PHOSPHOFRUCTOKINASE/FRUCTOSE-6-PHOSPHATE/ ADP/MG | P.R.EVANS,P.J.HUDSON | 1/88 | |
| 5PFK | | PHOSPHOFRUCTOKINASE(B. ST.) T-STATE | P.R.EVANS,G.W.FARRANTS,M.C.LAWRENCE | 1/88 | A |
| 3PGK | | PHOSPHOGLYCERATE KINASE(YEAST) | P.J.SHAW,N.P.WALKER,H.C.WATSON | 7/82 | |
| 2PGK | | PHOSPHOGLYCERATE KINASE(HORSE) | R.D.BANKS,C.C.F.BLAKE,P.R.EVANS,R.M.MASER | 9/76 | B |
| 3PGM | | PHOSPHOGLYCERATE MUTASE | J.W.CAMPBELL,G.I.HODGSON,J.WARWICKER,S.I.WINN,H.C.WATSON | 4/82 | |
| 1BP2 | | PHOSPHOLIPASE A2(BOVINE) | B.W.DIJKSTRA,K.H.KALK,W.G.J.HOL,J.DRENTH | 4/81 | |
| 2BP2 | | PROPHOSPHOLIPASE A2(BOVINE) | B.W.DIJKSTRA,G.J.H.VAN NES,K.H.KALK,N.P.BRANDENBURG,W.G.J.HOL,J.DRENTH | 6/81 | |
| 3BP2 | | PHOSPHOLIPASE A2(BOVINE) TRANSAMINATED | B.W.DIJKSTRA,J.DRENTH | 6/83 | |
| 4BP2 | | PROPHOSPHOLIPASE A2(BOVINE) | DUPONT PROTEIN CRYSTALLOGRAPHY GROUP | 9/90 | |
| 1P2P | | PHOSPHOLIPASE A2(PORCINE) | B.W.DIJKSTRA,R.RENETSEDER,K.H.KALK,W.G.J.HOL,J.DRENTH | 6/83 | |
| 3P2P | | PHOSPHOLIPASE A2(PORCINE) MUTANT | B.W.DIJKSTRA,M.M.G.M.THUNNISSEN,K.H.KALK,J.DRENTH | 11/89 | |
| 5P2P | | PHOSPHOLIPASE A2(PORCINE) MUTANT COMPLEX | B.W.DIJKSTRA,M.M.G.M.THUNNISSEN,K.H.KALK,J.DRENTH | 9/90 | |
| 4P2P | | PHOSPHOLIPASE A2(PORCINE) | DUPONT PROTEIN CRYSTALLOGRAPHY GROUP | 10/91 | |
| 1PP2 | | PHOSPHOLIPASE A2(CA-FREE,RATTLESNAKE) | S.BRUNIE,P.B.SIGLER | 3/86 | |
| 1HSP | * | PHOSPHOLIPASE C(SH3 DOMAIN)(NMR,11 STRUCTURES) | D.KOHDA,H.HATANAKA,M.ODAKA,F.INAGAKI | 12/92 | |
| 1PHY | | PHOTOACTIVE YELLOW PROTEIN | D.E.MCREE,J.A.TAINER,E.D.GETZOFF | 8/89 | |
| 1PRC | | PHOTOSYNTHETIC REACTION CENTER | J.DEISENHOFER,O.EPP,K.MIKI,R.HUBER,H.MICHEL | 2/88 | |
| 2PIA | * | PHTHALATE DIOXYGENASE REDUCTASE | C.C.CORRELL,C.J.BATIE,D.P.BALLOU,M.L.LUDWIG | 2/93 | |
| 1CPC | | C-PHYCOCYANIN(FREMYELLA DIPLOSIPHON) | M.DUERRING,G.B.SCHMIDT,R.HUBER | 10/90 | |
| 1PCY | | PLASTOCYANIN(POPLAR,CU2+) | J.M.GUSS,H.C.FREEMAN | 9/80 | |
| 2PCY | | PLASTOCYANIN(POPLAR,APO) | T.P.J.GARRETT,J.M.GUSS,H.C.FREEMAN | 11/83 | |
| 3PCY | | PLASTOCYANIN(POPLAR,HG2+ SUBSTITUTED) | W.B.CHURCH,J.M.GUSS,J.J.POTTER,H.C.FREEMAN | 12/85 | |
| 4PCY | | PLASTOCYANIN(CROSS-LINKED,CU1+,PH 7.8) | J.M.GUSS,H.C.FREEMAN | 9/86 | |
| 5PCY | | PLASTOCYANIN(POPLAR,CU1+,PH 7.0) | J.M.GUSS,H.C.FREEMAN | 9/86 | |
| 6PCY | | PLASTOCYANIN(POPLAR,CU1+,PH 3.8) | J.M.GUSS,H.C.FREEMAN | 9/86 | |
| 7PCY | | PLASTOCYANIN(ENTEROMORPHA,CU2+) | C.A.COLLYER,J.M.GUSS,H.C.FREEMAN | 9/89 | |
| 2PAB | | PREALBUMIN(HUMAN,PLASMA) | S.J.OATLEY,C.C.F.BLAKE | 9/77 | |
| 1GB1 | * | PROTEIN G(B1 DOMAIN)(GROUP G STREPTOCOCCUS) (NMR,60 STRUCTURES) | A.M.GRONENBORN,G.M.CLORE | 5/91 | |
| 2GB1 | * | PROTEIN G(B1 DOMAIN) GROUP G STREPTOCOCCUS (NMR,MIN AVERAGED STRUCTURE) | A.M.GRONENBORN,G.M.CLORE | 5/91 | |
| 2SGA | | PROTEINASE A(STREPTOMYCES GRISEUS) | M.N.G.JAMES,A.R.SIELECKI | 1/83 | |
| 3SGA | | PROTEINASE A(STREPTOMYCES GRISEUS)/INHBT | A.R.SIELECKI,M.N.G.JAMES | 5/90 | |
| 4SGA | | PROTEINASE A(STREPTOMYCES GRISEUS)/INHBT | A.R.SIELECKI,M.N.G.JAMES | 5/90 | |
| 5SGA | | PROTEINASE A(STREPTOMYCES GRISEUS)/INHBT | A.R.SIELECKI,M.N.G.JAMES | 5/90 | |
| 1SGC | | PROTEINASE A(STREP.GRISEUS)/CHYMOSTATIN | L.T.J.DELBAERE,G.D.BRAYER | 4/86 | |
| 3SGB | | PROTEINASE B(STREP.GRISEUS)/OMTKY3 | R.J.READ,M.FUJINAGA,A.R.SIELECKI,M.N.G.JAMES | 1/83 | |
| 4SGB | | SGPB/PCI | M.JAMES,H.GREENBLATT | 9/89 | |
| 2PRK | | PROTEINASE K(TRITIRACHIUM ALBUM LIMBER) | C.BETZEL,G.P.PAL,W.SAENGER | 11/87 | |
| 3RP2 | | PROTEINASE II(RAT MAST CELL) | R.REYNOLDS,S.REMINGTON,L.WEAVER,R.FISCHER,W.ANDERSON,H.AMMON, B.MATTHEWS | 9/84 | |
| 1BUS | | PROTEINASE INHIBITOR IIA(NMR,5 STRUCTURES) | P.GUNTERT,M.P.WILLIAMSON,T.F.HAVEL,K.WUTHRICH | 5/90 | |
| 2BUS | | PROTEINASE INHIBITOR IIA(NMR,MIN AVRGD) | P.GUNTERT,M.P.WILLIAMSON,T.F.HAVEL,K.WUTHRICH | 5/90 | |
| 1PGX | | PROTEIN G(B2 DOMAIN) | M.WHITLOW,A.ACHARI,A.J.HOWARD | 4/92 | |
| 1PCD | | PROTOCATECHUATE 3,4-DIOXYGENASE | DUPONT PROTEIN CRYSTALLOGRAPHY GROUP | 9/90 | |
| 1PAZ | | PSEUDOAZURIN(ALCALIGENES FAECALIS) | K.PETRATOS,Z.DAUTER,K.S.WILSON | 6/88 | |
| 2PAZ | | PSEUDOAZURIN(ALCALIGENES FAECALIS) | E.T.ADMAN,K.PETRATOS | 9/88 | |
| 1ULA | | PURINE NUCLEOSIDE PHOSPHORYLASE | S.E.EALICK ET AL. | 11/91 | |
| 1ULB | | PURINE NUCLEOSIDE PHOSPHORYLASE/GUANINE | S.E.EALICK ET AL. | 11/91 | |
| 1PYP | | INORGANIC PYROPHOSPHATASE | E.H.HARUTYUNYAN,S.S.TERZYAN,B.K.VAINSHTEIN | 2/83 | |
| 1PYK | | PYRUVATE KINASE(CAT) | H.MUIRHEAD,M.LEVINE,D.K.STAMMERS,D.I.STUART | 1/80 | A |
| 1R69 | | R1-69 N-TERMINUS OF 434 REPRESSOR | A.MONDRAGON,S.SUBBIAH,S.C.ALAMO,M.DROTTAR,S.C.HARRISON | 12/88 | |
| 2OR1 | | R1-69(PHAGE 434)/OR1 | A.K.AGGARWAL,J.E.ANDERSON,D.W.RODGERS,S.C.HARRISON | 9/89 | |
| 1LRP | | LAMBDA REPRESSOR(BACTERIOPHAGE LAMBDA) | C.PABO,M.LEWIS | 12/87 | A |
| 1LRD | | LAMBDA REPRESSOR/DNA | S.JORDAN,C.PABO | 10/88 | |
| 1RSL | | RESOLVASE(GAMMA DELTA)(LARGE FRAGMENT) | M.R.SANDERSON,P.S.FREEMENT,P.A.RICE,A.GOLDMAN,T.A.STEITZ | 9/91 | A |
| 1RBP | | RETINOL-BINDING PROTEIN(HUMAN) | T.A.JONES,M.E.NEWCOMER,S.W.COWAN | 4/90 | |
| 1RHD | | RHODANESE | W.G.J.HOL,J.H.PLOEGMAN,K.H.KALK,G.DRENT | 11/77 | |
| 5RSA | | RIBONUCLEASE A(X-RAY+NEUTRON) | A.WLODAWER | 4/85 | |
| 6RSA | | RIBONUCLEASE A/URIDINE VANADATE | A.WLODAWER | 2/86 | |

**TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993**

| *IDENT CODE* | *MOLECULE* | *DEPOSITOR(S)* | *DATE* | *STATUS* |
|---|---|---|---|---|
| 6LYZ | LYSOZYME(HEN EGG-WHITE,SET RS16) | R.DIAMOND,D.C.PHILLIPS,C.C.F.BLAKE,A.C.T.NORTH | 2/75 | |
| 7LYZ | LYSOZYME(HEN EGG-WHITE,TRICLINIC) | J.MOULT,A.YONATH,J.SUSSMAN,O.HERZBERG,A.PODJARNY,W.TRAUB | 5/77 | |
| 1LZT | LYSOZYME(HEN EGG-WHITE,TRICLINIC) | J.M.HODSDON,G.M.BROWN,L.C.SIEKER,L.H.JENSEN | 4/85 | |
| 2LZT | LYSOZYME(TRICLINIC) | M.RAMANADHAM,L.C.SIEKER,L.H.JENSEN | 8/89 | |
| 8LYZ | LYSOZYME(HEN EGG-WHITE,INACTIVATED) | C.R.BEDDELL,C.C.F.BLAKE,S.J.OATLEY | 9/77 | |
| 9LYZ | LYSOZYME(HEN, NAM-NAG-NAM SUBSTRATE ONLY) | J.A.KELLY,M.N.G.JAMES | 12/79 | |
| 1LZH | LYSOZYME(HEN EGG-WHITE,MONOCLINIC) | P.J.ARTYMIUK,C.C.F.BLAKE,D.W.RICE,K.S.WILSON | 6/81 | A |
| 2LZH | LYSOZYME(HEN EGG-WHITE,ORTHORHOMBIC) | P.J.ARTYMIUK,C.C.F.BLAKE,D.W.RICE,K.S.WILSON | 6/81 | A |
| 1LYM | LYSOZYME(HEN EGG-WHITE,MONOCLINIC) | J.HOGLE,S.T.RAO,M.SUNDARALINGAM | 7/82 | |
| 2LYM | LYSOZYME(HEN EGG-WHITE,1 ATM) | C.E.KUNDROT,F.M.RICHARDS | 6/87 | |
| 3LYM | LYSOZYME(HEN EGG-WHITE,1000 ATM) | C.E.KUNDROT,F.M.RICHARDS | 6/87 | |
| 4LYM | LYSOZYME(HEN,LOW HUMIDITY,TETRAGONAL) | R.KODANDAPANI,C.G.SURESH,M.VIJAYAN | 7/90 | |
| 1LZ1 | LYSOZYME(HUMAN) | P.J.ARTYMIUK,C.C.F.BLAKE | 10/84 | |
| 1LHM | LYSOZYME MUTANT(C77A,C95A)(HUMAN) | K.INAKA,M.MATSUSHIMA | 10/91 | |
| 2LHM | LYSOZYME MUTANT(Q86D,A92D)(HUMAN)(APO) | K.INAKA,M.MATSUSHIMA | 10/91 | |
| 3LHM | LYSOZYME MUTANT(Q86D,A92D)(HUMAN)(HOLO) | K.INAKA,M.MATSUSHIMA | 10/91 | |
| 1LZ2 | LYSOZYME(TURKEY EGG-WHITE) | R.BOTT,R.SARMA | 9/81 | A |
| 2LZ2 | LYSOZYME(TURKEY) | M.R.PARSONS,S.E.V.PHILLIPS | 10/88 | |
| 1CTF | L7/L12 50S RIBOSOMAL PROTEIN(C-TERMINAL) | M.LEIJONMARCK,A.LILJAS | 9/86 | |
| 2MCM | MACROMOMYCIN(STREPTOMYCES MACROMOMYCETICUS) | P.VAN ROEY | 5/91 | |
| 4MDH | MALATE DEHYDROGENASE(PORCINE) | J.J.BIRKTOFT,L.J.BANASZAK | 4/89 | |
| 1MBP | D-MALTODEXTRIN-BINDING PROTEIN/D-MALTOSE | J.C.SPURLINO,G.-Y.LU,F.A.QUIOCHO | 12/90 | A |
| 1MSB | MANNOSE-BINDING PROTEIN A(LECTIN DOMAIN) | W.I.WEIS,K.DRICKAMER,W.A.HENDRICKSON | 9/91 | |
| 2MLT | MELITTIN | D.EISENBERG,M.GRIBSKOV,T.C.TERWILLIGER | 10/90 | |
| 1MEE | MESENTERICOPEPTIDASE/EGLIN C | Z.DAUTER,C.BETZEL,K.S.WILSON | 4/91 | |
| 1MHU | METALLOTHIONEIN(HUMAN)(NMR) | W.BRAUN,B.A.MESSERLE,A.SCHAEFFER,M.VASAK,J.H.R.KAEGI,K.WUTHRICH | 5/90 | |
| 2MHU | METALLOTHIONEIN(HUMAN,BETA DOMAIN)(NMR) | W.BRAUN,B.A.MESSERLE,A.SCHAEFFER,M.VASAK,J.H.R.KAEGI,K.WUTHRICH | 5/90 | |
| 1MRB | METALLOTHIONEIN(RABBIT)(NMR) | W.BRAUN,A.ARSENIEV,P.SCHULTZE,E.WOERGOETTER,G.WAGNER, M.VASAK,J.H.R.KAEGI,K.WUTHRICH | 5/90 | |
| 2MRB | METALLOTHIONEIN(RABBIT,BETA DOMAIN)(NMR) | W.BRAUN,A.ARSENIEV,P.SCHULTZE,E.WOERGOETTER,G.WAGNER, M.VASAK,J.H.R.KAEGI,K.WUTHRICH | 5/90 | |
| 1MRT | METALLOTHIONEIN(RAT)(NMR) | W.BRAUN,P.SCHULTZE,E.WOERGOETTER,G.WAGNER,M.VASAK,J.H.R.KAEGI, K.WUTHRICH | 5/90 | |
| 2MRT | METALLOTHIONEIN(RAT,BETA DOMAIN)(NMR) | W.BRAUN,P.SCHULTZE,E.WOERGOETTER,G.WAGNER,M.VASAK,J.H.R.KAEGI, K.WUTHRICH | 5/90 | |
| 1MAD | METHYLAMINE DEHYDROGENASE | F.M.D.VELLIEUX,W.G.J.HOL | 6/90 | A |
| 1MON | MONELLIN(SERENDIPITY BERRY) | S.-H.KIM | 5/89 | A |
| 1MLE | MUCONATE LACTONIZING ENZYME | A.GOLDMAN,D.L.OLLIS,T.A.STEITZ | 10/90 | A |
| 1MLI | MUCONOLACTONE ISOMERASE(P.PUTIDA) | S.K.KATTI,B.A.KATZ,H.W.WYCKOFF | 11/89 | |
| 1MVP | MYELOBLASTOSIS ASSOCIATED VIRAL PROTEASE | DUPONT PROTEIN CRYSTALLOGRAPHY GROUP | 9/90 | |
| 1MBA | MYOGLOBIN(APLYSIA LIMACINA,MET) PH 7.0 | M.BOLOGNESI,S.ONESTI,G.GATTI,A.CODA,P.ASCENZI,M.BRUNORI | 2/89 | |
| 5MBA | MET MYOGLOBIN(A.LIMACINA)/AZIDE PH 7.0 | M.BOLOGNESI,S.ONESTI,G.GATTI,A.CODA,P.ASCENZI,M.BRUNORI | 1/91 | R |
| 3MBA | MYOGLOBIN(A.LIMACINA,MET)/FLUORIDE PH7.0 | M.BOLOGNESI,S.ONESTI,G.GATTI,A.CODA,P.ASCENZI,M.BRUNORI | 2/89 | |
| 4MBA | MYOGLOBIN(A.LIMACINA,MET)/IMIDAZOLE | M.BOLOGNESI,S.ONESTI,G.GATTI,A.CODA,P.ASCENZI,M.BRUNORI | 2/89 | |
| 2MM1 | MYOGLOBIN MUTANT(K45R,C110A)(HUMAN) | S.HUBBARD,W.HENDRICKSON,D.LAMBRIGHT,S.BOXER | 2/91 | |
| 1PMB | MYOGLOBIN(PIG) | S.J.SMERDON,T.J.OLDFIELD,E.J.DODSON,G.G.DODSON,R.E.HUBBARD, A.J.WILKINSON | 11/89 | |
| 1MBS | MYOGLOBIN(SEAL,MET) | H.SCOULOUDI | 3/79 | |
| 1MBN | MYOGLOBIN(SPERM WHALE,MET) | H.C.WATSON,J.C.KENDREW | 4/73 | |
| 4MBN | MYOGLOBIN(SPERM WHALE,MET) | T.TAKANO | 1/88 | |
| 5MBN | MYOGLOBIN(SPERM WHALE,DEOXY) | T.TAKANO | 1/88 | |
| 1MBD | MYOGLOBIN(SPERM WHALE,DEOXY) | S.E.V.PHILLIPS | 8/81 | |
| 1MBO | MYOGLOBIN(SPERM WHALE,OXY) | S.E.V.PHILLIPS | 8/81 | |
| 2MB5 | MYOGLOBIN(NEUTRON STUDY) | B.P.SCHOENBORN,X.CHENG | 10/89 | |
| 1MBC | MYOGLOBIN(SPERM WHALE,CARBONMONXY,260 K) | J.KURIYAN,G.A.PETSKO | 9/88 | |
| 1MBW | MYOGLOBIN(SPERM WHALE) MUTANT(MET,D122N) | G.N.PHILLIPS JUNIOR | 10/89 | |
| 1MBI | MYOGLOBIN(SPERM WHALE)/IMIDAZOLE | C.LIONETTI,M.G.GUANZIROLI,F.FRIGERIO,P.ASCENZI,M.BOLOGNESI | 6/90 | |
| 2MHR | MYOHEMERYTHRIN | S.SHERIFF,W.A.HENDRICKSON | 4/87 | |
| 1NN2 | NEURAMINIDASE N2(A/TOKYO/3/67) | J.N.VARGHESE,P.M.COLMAN | 3/91 | |
| 2NN9 | NEURAMINIDASE N9 MUTANT(S370L) | W.R.TULIP,J.N.VARGHESE,A.T.BAKER,A.VAN DONKELAAR,W.G.LAVER, R.G.WEBSTER,P.M.COLMAN | 3/91 | |
| 3NN9 | NEURAMINIDASE N9 MUTANT(N329D) | W.R.TULIP,J.N.VARGHESE,A.T.BAKER,A.VAN DONKELAAR,W.G.LAVER, R.G.WEBSTER,P.M.COLMAN | 3/91 | |
| 4NN9 | NEURAMINIDASE N9 MUTANT(I368R) | W.R.TULIP,J.N.VARGHESE,A.T.BAKER,A.VAN DONKELAAR,W.G.LAVER, R.G.WEBSTER,P.M.COLMAN | 3/91 | |
| 5NN9 | NEURAMINIDASE N9 MUTANT(A369D) | W.R.TULIP,J.N.VARGHESE,A.T.BAKER,A.VAN DONKELAAR,W.G.LAVER, R.G.WEBSTER,P.M.COLMAN | 3/91 | |
| 6NN9 | NEURAMINIDASE N9 MUTANT(K432N) | W.R.TULIP,J.N.VARGHESE,A.T.BAKER,A.VAN DONKELAAR,W.G.LAVER, R.G.WEBSTER,P.M.COLMAN | 3/91 | |
| 1BN2 | NEUROPHYSIN II(BOVINE)/P-IODO-F-Y AMIDE | J.P.ROSE,B.-C.WANG | 8/90 | A |
| 1NXB | NEUROTOXIN B(LATICAUDA SEMIFASCIATA) | D.TSERNOGLOU,G.A.PETSKO | 8/80 | |
| 1SH1 | NEUROTOXIN 1(NMR) | R.H.FOGH,R.S.NORTON | 5/90 | |
| 2SH1 | NEUROTOXIN 1(NMR,8 STRUCTURES) | R.H.FOGH,R.S.NORTON | 5/90 | |
| 1SN3 | SCORPION NEUROTOXIN(VARIANT 3) | R.J.ALMASSY,J.C.FONTECILLA-CAMPS,F.L.SUDDATH,C.E.BUGG | 12/82 | |
| 1NRD | NITRITE REDUCTASE | J.W.GODDEN,E.T.ADMAN,S.TURLEY | 4/91 | A |
| 1OMD | ONCOMODULIN(RAT) | F.R.AHMED,M.PRZYBYLSKA,D.R.ROSE,G.I.BIRNBAUM,M.E.PIPPY,J.P.MACMANUS | 4/90 | |
| 1OVA | OVALBUMIN(CHICKEN) | P.E.STEIN,A.G.W.LESLIE | 11/90 | |
| 1OVO | OVOMUCOID THIRD DOMAIN(JAPANESE QUAIL) | E.WEBER,E.PAPAMOKOS,W.BODE,R.HUBER,I.KATO,M.LASKOWSKI JUNIOR | 1/82 | |
| 3OVO | OVOMUCOID 3RD DOMAIN CLVD(JAPANSE QUAIL) | D.MUSIL,W.BODE | 5/91 | |
| 2OVO | OVOMUCOID THIRD DOMAIN(SILVER PHEASANT) | W.BODE,O.EPP | 6/85 | |
| 4OVO | OVOMUCOID 3RD DOMAIN CLVD(SILVER PHEASANT) | D.MUSIL,W.BODE | 5/91 | |
| 1XY1 | DEAMINO-OXYTOCIN(WET FORM) | J.HUSAIN,T.L.BLUNDELL,S.P.WOOD,I.J.TICKLE,S.COOPER,J.E.PITTS | 6/87 | |
| 1XY2 | DEAMINO-OXYTOCIN(DRY FORM) | S.COOPER,T.L.BLUNDELL,J.E.PITTS,S.P.WOOD,I.J.TICKLE | 6/87 | |
| 1Q21 | C-H-RAS P21 PROTEIN/GDP | S.-H.KIM | 9/91 | R |
| 2Q21 | C-H-RAS P21 PROTEIN MUTANT(G12V)/GDP | S.-H.KIM | 9/91 | R |

**TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 1L02 | | LYSOZYME(T4) MUTANT(T157A) | S.DAO-PIN,T.ALBER,B.W.MATTHEWS | 2/88 | |
| 1L03 | | LYSOZYME(T4) MUTANT(T157C) | S.DAO-PIN,K.WILSON,T.ALBER,B.W.MATTHEWS | 2/88 | |
| 1L04 | | LYSOZYME(T4) MUTANT(T157D) | S.DAO-PIN,T.ALBER,B.W.MATTHEWS | 2/88 | |
| 1L05 | | LYSOZYME(T4) MUTANT(T157D) | S.DAO-PIN,T.ALBER,B.W.MATTHEWS | 2/88 | |
| 1L06 | | LYSOZYME(T4) MUTANT(T157E) | S.DAO-PIN,K.WILSON,T.ALBER,B.W.MATTHEWS | 2/88 | |
| 1L07 | | LYSOZYME(T4) MUTANT(T157F) | S.DAO-PIN,R.FABER,T.ALBER,B.W.MATTHEWS | 2/88 | |
| 1L08 | | LYSOZYME(T4) MUTANT(T157G) | S.DAO-PIN,T.ALBER,B.W.MATTHEWS | 2/88 | |
| 1L09 | | LYSOZYME(T4) MUTANT(T157H) | S.DAO-PIN,J.BELL,T.ALBER,B.W.MATTHEWS | 2/88 | |
| 1L10 | | LYSOZYME(T4) MUTANT(T157I) | S.DAO-PIN,K.WILSON,T.ALBER,B.W.MATTHEWS | 2/88 | |
| 1L11 | | LYSOZYME(T4) MUTANT(T157L) | S.DAO-PIN,K.WILSON,T.ALBER,B.W.MATTHEWS | 2/88 | |
| 1L12 | | LYSOZYME(T4) MUTANT(T157N) | S.DAO-PIN,T.ALBER,B.W.MATTHEWS | 2/88 | |
| 1L13 | | LYSOZYME(T4) MUTANT(T157R) | S.DAO-PIN,T.ALBER,B.W.MATTHEWS | 2/88 | |
| 1L14 | | LYSOZYME(T4) MUTANT(T157S) | S.DAO-PIN,T.ALBER,B.W.MATTHEWS | 2/88 | |
| 1L15 | | LYSOZYME(T4) MUTANT(T157V) | S.DAO-PIN,T.ALBER,B.W.MATTHEWS | 2/88 | |
| 1L16 | | LYSOZYME(T4) MUTANT(G156D) | T.M.GRAY,B.W.MATTHEWS | 2/88 | |
| 1L17 | | LYSOZYME(T4) MUTANT(I3V) | M.MATSUMURA,S.DAO-PIN,B.W.MATTHEWS | 5/89 | |
| 1L18 | | LYSOZYME(T4) MUTANT(I3Y) | M.MATSUMURA,S.DAO-PIN,B.W.MATTHEWS | 5/89 | |
| 1L19 | | LYSOZYME(T4) MUTANT(S38D) | H.NICHOLSON,B.W.MATTHEWS | 5/89 | |
| 1L20 | | LYSOZYME(T4) MUTANT(N144D) | H.NICHOLSON,B.W.MATTHEWS | 5/89 | |
| 1L21 | | LYSOZYME(T4) MUTANT(N55G) | H.NICHOLSON,B.W.MATTHEWS | 5/89 | |
| 1L22 | | LYSOZYME(T4) MUTANT(K124G) | H.NICHOLSON,B.W.MATTHEWS | 5/89 | |
| 1L23 | | LYSOZYME(T4) MUTANT(G77A) | H.NICHOLSON,B.W.MATTHEWS | 5/89 | |
| 1L24 | | LYSOZYME(T4) MUTANT(A82P) | H.NICHOLSON,B.W.MATTHEWS | 5/89 | |
| 1L25 | | LYSOZYME(T4) MUTANT(P86A) | J.A.BELL,S.DAO-PIN,B.W.MATTHEWS | 5/89 | |
| 1L26 | | LYSOZYME(T4) MUTANT(P86C) | J.A.BELL,S.DAO-PIN,B.W.MATTHEWS | 5/89 | |
| 1L27 | | LYSOZYME(T4) MUTANT(P86D) | J.A.BELL,S.DAO-PIN,B.W.MATTHEWS | 5/89 | |
| 1L28 | | LYSOZYME(T4) MUTANT(P86G) | J.A.BELL,S.DAO-PIN,B.W.MATTHEWS | 5/89 | |
| 1L29 | | LYSOZYME(T4) MUTANT(P86H) | J.A.BELL,S.DAO-PIN,B.W.MATTHEWS | 5/89 | |
| 1L30 | | LYSOZYME(T4) MUTANT(P86L) | J.A.BELL,S.DAO-PIN,B.W.MATTHEWS | 5/89 | |
| 1L31 | | LYSOZYME(T4) MUTANT(P86R) | J.A.BELL,S.DAO-PIN,B.W.MATTHEWS | 5/89 | |
| 1L32 | | LYSOZYME(T4) MUTANT(P86S) | J.A.BELL,S.DAO-PIN,B.W.MATTHEWS | 5/89 | |
| 1L33 | | LYSOZYME(T4) MUTANT(V131A) | H.NICHOLSON,B.W.MATTHEWS | 5/89 | |
| 1L34 | | LYSOZYME(T4) MUTANT(R96H) | L.H.WEAVER,B.W.MATTHEWS | 5/89 | |
| 1L35 | | LYSOZYME(T4) MUTANT(C54T,C97A,I9C,L164C) | P.E.PJURA,M.MATSUMURA,J.A.WOZNIAK,B.W.MATTHEWS | 10/89 | |
| 1L36 | | LYSOZYME(T4) MUTANT(E128A,V131A,N132A) | X.-J.ZHANG,W.A.BAASE,B.W.MATTHEWS | 12/90 | |
| 1L37 | | LYSOZYME(T4) MUTANT(T115E) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L38 | | LYSOZYME(T4) MUTANT(Q123E) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L39 | | LYSOZYME(T4) MUTANT(N144E,C54T,C97A) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L40 | | LYSOZYME(T4) MUTANT(N144E,C54T,C97A) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L41 | | LYSOZYME(T4) MUTANT(K83H,A112D,C54T,C97A) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L42 | | LYSOZYME(T4) MUTANT(K16E) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L43 | | LYSOZYME(T4) MUTANT(K16E) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L44 | | LYSOZYME(T4) MUTANT(R119E) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L45 | | LYSOZYME(T4) MUTANT(K135E) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L46 | | LYSOZYME(T4) MUTANT(K147E) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L47 | | LYSOZYME(T4) MUTANT(R154E) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L48 | | LYSOZYME(T4) MUTANT(A98V) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L49 | | LYSOZYME(T4) MUTANT(A98V,T152S) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L50 | | LYSOZYME(T4) MUTANT(A98V,V149C,T152S) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L51 | | LYSOZYME(T4) MUTANT(A98V,V149I,T152S) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L52 | | LYSOZYME(T4) MUTANT(T152S) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L53 | | LYSOZYME(T4) MUTANT(V149C) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L54 | | LYSOZYME(T4) MUTANT(C54T,C97A,M102K) | S.DAOPIN,B.W.MATTHEWS | 1/91 | |
| 1L55 | | LYSOZYME(T4) MUTANT(C54T,D92N,C97A) | H.NICHOLSON,B.W.MATTHEWS | 5/91 | |
| 1L56 | | LYSOZYME(T4) MUTANT(K60P) | H.NICHOLSON,B.W.MATTHEWS | 5/91 | |
| 1L57 | | LYSOZYME(T4) MUTANT(N116D) | H.NICHOLSON,B.W.MATTHEWS | 5/91 | |
| 1L58 | | LYSOZYME(T4) MUTANT(P143A) | H.NICHOLSON,B.W.MATTHEWS | 5/91 | |
| 1L59 | | LYSOZYME(T4) MUTANT(C54T,C97A,T109N) | H.NICHOLSON,B.W.MATTHEWS | 5/91 | |
| 1L60 | | LYSOZYME(T4) MUTANT(G113A) | H.NICHOLSON,B.W.MATTHEWS | 5/91 | |
| 1L61 | | LYSOZYME(T4) MUTANT(S38N,C54T,C97A) | H.NICHOLSON,B.W.MATTHEWS | 5/91 | |
| 1L62 | | LYSOZYME(T4) MUTANT(C54T,C97A,T109D) | H.NICHOLSON,B.W.MATTHEWS | 5/91 | |
| 1L63 | | LYSOZYME(T4) MUTANT(C54T,C97A) | H.NICHOLSON,B.W.MATTHEWS | 5/91 | |
| 1L64 | | LYSOZYME(T4) MUTANT(POLY ALA, 40-49) | D.HEINZ,B.W.MATTHEWS | 9/91 | |
| 1L65 | | LYSOZYME(T4) MUTANT(D47A,C54T,C97A) | D.HEINZ,B.W.MATTHEWS | 9/91 | |
| 1L66 | | LYSOZYME(T4) MUTANT(K43A,C54T,C97A) | D.HEINZ,B.W.MATTHEWS | 9/91 | |
| 1L67 | | LYSOZYME(T4) MUTANT(L46A,C54T,C97A) | D.HEINZ,B.W.MATTHEWS | 9/91 | |
| 1L68 | | LYSOZYME(T4) MUTANT(S44A,C54T,C97A) | D.HEINZ,B.W.MATTHEWS | 9/91 | |
| 1L69 | | LYSOZYME(T4) MUTANT(L133A) | X.ZHANG,B.W.MATTHEWS | 9/91 | |
| 1L70 | | LYSOZYME(T4) MUTANT(V131A,N132A) | X.ZHANG,B.W.MATTHEWS | 9/91 | |
| 1L71 | | LYSOZYME(T4) MUTANT(E128A,V131A) | X.ZHANG,B.W.MATTHEWS | 9/91 | |
| 1L72 | | LYSOZYME(T4) MUTANT(D127A,E128A) | X.ZHANG,B.W.MATTHEWS | 9/91 | |
| 1L73 | | LYSOZYME(T4) MUTANT(127A,128A,131A,132A) | X.ZHANG,B.W.MATTHEWS | 9/91 | |
| 1L74 | | LYSOZYME(T4) MUTANT(128A,131A,132A,133A) | X.ZHANG,B.W.MATTHEWS | 9/91 | |
| 1L75 | | LYSOZYME(T4) MUTANT(POLY ALA, 127-134) | X.ZHANG,B.W.MATTHEWS | 9/91 | |
| 1L76 | | LYSOZYME(T4) MUTANT(D72P,C54T,C97A) | U.SAUER,B.W.MATTHEWS | 9/91 | |
| 1L77 | * | LYSOZYME(T4) MUTANT(M102L) | J.HURLEY,B.MATTHEWS | 11/91 | |
| 2L78 | * | LYSOZYME(T4) MUTANT(V111I) | J.HURLEY,B.MATTHEWS | 1/92 | |
| 1L79 | * | LYSOZYME(T4) MUTANT(L99F,V111I) | J.HURLEY,B.MATTHEWS | 11/91 | |
| 1L80 | * | LYSOZYME(T4) MUTANT(L99F,M102L,V111I) | J.HURLEY,B.MATTHEWS | 11/91 | |
| 1L81 | * | LYSOZYME(T4) MUT(L99F,M102L,V111I,F153L) | J.HURLEY,B.MATTHEWS | 11/91 | |
| 1L82 | * | LYSOZYME(T4) MUTANT(L99F,M102L,F153L) | J.HURLEY,B.MATTHEWS | 11/91 | |
| 1LYD | | LYSOZYME(T4 EXPRESSED IN E.COLI) | D.R.ROSE | 1/89 | |
| 1LYZ | | LYSOZYME(HEN EGG-WHITE,SET W2) | R.DIAMOND,D.C.PHILLIPS,C.C.F.BLAKE,A.C.T.NORTH | 2/75 | |
| 2LYZ | | LYSOZYME(HEN EGG-WHITE,SET RS5D) | R.DIAMOND,D.C.PHILLIPS,C.C.F.BLAKE,A.C.T.NORTH | 2/75 | |
| 3LYZ | | LYSOZYME(HEN EGG-WHITE,SET RS6A) | R.DIAMOND,D.C.PHILLIPS,C.C.F.BLAKE,A.C.T.NORTH | 2/75 | |
| 4LYZ | | LYSOZYME(HEN EGG-WHITE,SET RS9A) | R.DIAMOND,D.C.PHILLIPS,C.C.F.BLAKE,A.C.T.NORTH | 2/75 | |
| 5LYZ | | LYSOZYME(HEN EGG-WHITE,SET RS12A) | R.DIAMOND,D.C.PHILLIPS,C.C.F.BLAKE,A.C.T.NORTH | 2/75 | |

## TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 7I1B | | INTERLEUKIN 1B(HUMAN)(NMR,32 STRUCTURES) | G.M.CLORE,A.M.GRONENBORN | 1/91 | |
| 1ITL | * | INTERLEUKIN 4(HUMAN)(NMR) | C.DOBSON ET AL. | 2/92 | |
| 1IL8 | | INTERLEUKIN 8(NMR,AVERAGED STRUCTURE) | G.M.CLORE,A.M.GRONENBORN | 3/90 | |
| 2IL8 | | INTERLEUKIN 8(NMR) | G.M.CLORE | 3/90 | |
| 3IL8 | | INTERLEUKIN 8(HUMAN) | E.T.BALDWIN,I.T.WEBER,R.ST. CHARLES,J.-C.XUAN,E.APPELLA,M.YAMADA, K.MATSUSHIMA,B.F.P.EDWARDS,G.M.CLORE,A.M.GRONENBORN,A.WLODAWER | 12/90 | |
| 1IFB | | FATTY ACID BINDING PROTEIN(APO FORM 1) | J.C.SACCHETTINI,J.I.GORDON,L.J.BANASZAK | 12/90 | |
| 2IFB | | FATTY ACID BNDNG PRTN(HOLO)/PALMITIC AC | J.C.SACCHETTINI,J.I.GORDON,L.J.BANASZAK | 12/90 | |
| 3ICD | | ISOCITRATE DEHYDROGENASE | J.H.HURLEY,P.E.THORSNESS,V.RAMALINGAM,N.H.HELMERS, D.E.KOSHLAND JUNIOR,R.M.STROUD | 12/89 | |
| 4ICD | | ISOCITRATE DEHYDROGENASE(PHOSPHORYLATED) | J.H.HURLEY,A.M.DEAN,P.E.THORSNESS,D.E.KOSHLAND JUNIOR, R.M.STROUD | 12/89 | |
| 5ICD | | ISOCITRATE DEHYDROGENASE/MG ISOCITRATE | J.H.HURLEY,A.M.DEAN,J.L.SOHL,D.E.KOSHLAND JUNIOR,R.M.STROUD | 5/90 | |
| 6ICD | | ISOCITRATE DEHYDROGENASE MUTANT(S113D) | J.H.HURLEY,A.M.DEAN,J.L.SOHL,D.E.KOSHLAND JUNIOR,R.M.STROUD | 5/90 | |
| 7ICD | | ISOCITRATE DEHYDROGENASE MUTANT(S113E) | J.H.HURLEY,A.M.DEAN,J.L.SOHL,D.E.KOSHLAND JUNIOR,R.M.STROUD | 5/90 | |
| 8ICD | | ISOCITRATE DEHYDROGENASE(S113E)/MG ISCTR | J.H.HURLEY,A.M.DEAN,J.L.SOHL,D.E.KOSHLAND JUNIOR,R.M.STROUD | 5/90 | |
| 9ICD | | ISOCITRATE DEHYDROGENASE/NADP+ | J.H.HURLEY,A.M.DEAN,D.E.KOSHLAND JUNIOR,R.M.STROUD | 7/91 | |
| 2PKA | | KALLIKREIN A(PORCINE) | W.BODE,Z.CHEN | 5/84 | |
| 2KAI | | KALLIKREIN A(PORCINE)/PTI(BOVINE) | W.BODE,Z.CHEN | 5/84 | |
| 1KGA | | KDPG ALDOLASE | A.TULINSKY | 8/78 | A |
| 1KES | | KERATAN SULFATE | S.ARNOTT | 5/78 | |
| 2CPK | | C-AMP-DEPENDENT PROTEIN KINASE(CATALYTIC SUBUNIT) | D.R.KNIGHTON,J.ZHENG,L.F.TEN EYCK,V.A.ASHFORD,N.-H.XUONG,S.S.TAYLOR, J.M.SOWADSKI | 10/92 | |
| 1APM | * | CAMP-DEPENDENT PROTEIN KINASE (CATALYTIC SUBUNIT)/PKI | D.R.KNIGHTON,S.M.BELL,J.ZHENG,L.F.TEN EYCK,N.XUONG,S.S.TAYLOR, J.M.SOWADSKI | 1/93 | |
| 1ATP | * | C-AMP-DEPENDENT PROTEIN KINASE/PKI/MNATP | J.ZHENG.E.A.TRAFNY,D.R.KNIGHTON,N.-H.XUONG,S.S.TAYLOR,L.F.TEN EYCK, J.M.SOWADSKI | 1/93 | |
| 1ALC | | ALPHA-LACTALBUMIN(BABOON) | K.R.ACHARYA,D.I.STUART,D.C.PHILLIPS | 8/89 | |
| 2BLM | | BETA-LACTAMASE | P.C.MOEWS,J.R.KNOX,O.DIDEBERG | 2/90 | A |
| 4BLM | | BETA-LACTAMASE | J.KNOX,P.MOEWS | 5/91 | |
| 3BLM | | BETA-LACTAMASE | O.HERZBERG,J.MOULT | 12/90 | R |
| 1LDB | | APO-L-LDH(BACILLUS STEAROTHERMOPHILUS) | K.PIONTEK,M.G.ROSSMANN | 3/89 | |
| 2LDB | | L-LDH/NAD/FRUCTOSE-1,6-BISPHOSPHATE | K.PIONTEK,M.G.ROSSMANN | 3/89 | |
| 3LDH | | LACTATE DEHYDROGENASE/NAD/PYRUVATE(DOGF) | J.L.WHITE,M.L.HACKERT,M.BUEHNER,M.J.ADAMS, G.C.FORD, P.J.LENTZ JUNIOR,I.E.SMILEY,S.J.STEINDEL,M.G.ROSSMANN | 6/74 | |
| 1LDM | | LACTATE DEHYDROGENASE/NADH/OXAMATE(DOGF) | J.P.GRIFFITH,M.G.ROSSMANN | 11/87 | |
| 6LDH | | APO-M4-LACTATE DEHYDROGENASE(DOGFISH) | C.ABAD-ZAPATERO,M.G.ROSSMANN | 11/87 | |
| 8LDH | | APO-M4-LACTATE DEHYDROGENASE/CITRATE | C.ABAD-ZAPATERO,M.G.ROSSMANN | 1/88 | |
| 1LLC | | LACTATE DEHYDROGENASE(L.CASEI) | M.BUEHNER,H.J.HECHT,R.HENSEL | 11/88 | |
| 2LDX | | LACTATE DEHYDROGENASE(MOUSE TESTES) | J.P.GRIFFITH,M.G.ROSSMANN | 11/87 | |
| 5LDH | | LACTATE DEHYDROGENASE/S-LAC/NAD (PIG) | U.M.GRAU,M.G.ROSSMANN | 10/80 | |
| 2LTN | | PEA LECTIN | F.L.SUDDATH,S.R.PHILLIPS,H.EINSPAHR | 6/90 | |
| 1LH1 | | LEGHEMOGLOBIN(ACETATE MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | |
| 2LH1 | | LEGHEMOGLOBIN(ACETATE MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | |
| 1LH2 | | LEGHEMOGLOBIN(AQUO MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | |
| 2LH2 | | LEGHEMOGLOBIN(AQUO MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | |
| 1LH3 | | LEGHEMOGLOBIN(CYANO MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | |
| 2LH3 | | LEGHEMOGLOBIN(CYANO MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | |
| 1LH4 | | LEGHEMOGLOBIN(DEOXY) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | |
| 2LH4 | | LEGHEMOGLOBIN(DEOXY) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | |
| 1LH5 | | LEGHEMOGLOBIN(FLUORO MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | |
| 2LH5 | | LEGHEMOGLOBIN(FLUORO MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | |
| 1LH6 | | LEGHEMOGLOBIN(NICOTINATE MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | |
| 2LH6 | | LEGHEMOGLOBIN(NICOTINATE MET) | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | |
| 1LH7 | | LEGHEMOGLOBIN(FERRO)/NITROSOBENZENE | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | |
| 2LH7 | | LEGHEMOGLOBIN(FERRO)/NITROSOBENZENE | B.K.VAINSHTEIN,E.H.HARUTYUNYAN,I.P.KURANOVA,V.V.BORISOV, N.I.SOSFENOV,A.G.PAVLOVSKY,A.I.GREBENKO,N.V.KONAREVA | 4/82 | |
| 1LAP | | LEUCINE AMINOPEPTIDASE(BOVINE LENS) | S.K.BURLEY,P.R.DAVID,A.TAYLOR,W.N.LIPSCOMB | 8/90 | |
| 2LBP | | LEUCINE BINDING PROTEIN(E.COLI) | J.S.SACK,S.D.TRAKHANOV,I.H.TSIGANNIK,F.A.QUIOCHO | 4/89 | |
| 2ZTA | | LEUCINE ZIPPER(GCN4 TAP) | E.K.O'SHEA,J.D.KLEMM,P.S.KIM,T.ALBER | 7/91 | |
| 1ZTA | * | LEUCINE ZIPPER(GCN4 TAP)(NMR) | A.PASTORE ET AL. | 10/90 | |
| 2LIV | | LEU-ILE-VAL BINDING PROTEIN(E.COLI) | J.S.SACK,M.A.SAPER,F.A.QUIOCHO | 4/89 | |
| 2LZM | | LYSOZYME(BACTERIOPHAGE T4) | L.H.WEAVER,B.W.MATTHEWS | 8/86 | |
| 1LAA | | LYSOZYME(HUMAN) MUTANT (D53E) | K.HARATA,M.MURAKI,Y.JIGAMI | 6/92 | |
| 1TAY | | LYSOZYME(HUMAN) MUTANT(Y63A) | K.HARATA,M.MURAKI,Y.JIGAMI | 8/92 | |
| 1TBY | | LYSOZYME(HUMAN) MUTANT(Y63L) | K.HARATA,M.MURAKI,Y.JIGAMI | 8/92 | |
| 1TCY | | LYSOZYME(HUMAN) MUTANT(Y63F) | K.HARATA,M.MURAKI,Y.JIGAMI | 8/92 | |
| 1TDY | | LYSOZYME(HUMAN) MUTANT(Y63W) | K.HARATA,M.MURAKI,Y.JIGAMI | 8/92 | |
| 3LZM | | LYSOZYME(T4) | K.WILSON,R.FABER,S.DAO-PIN,B.W.MATTHEWS | 5/89 | |
| 4LZM | | LYSOZYME(T4)(HIGH SALT) | J.A.BELL,K.WILSON,X.-J.ZHANG,H.R.FABER,H.NICHOLSON,B.W.MATTHEWS | 1/91 | |
| 5LZM | | LYSOZYME(T4)(MEDIUM SALT) | J.A.BELL,K.WILSON,X.-J.ZHANG,H.R.FABER,H.NICHOLSON,B.W.MATTHEWS | 1/91 | |
| 6LZM | | LYSOZYME(T4)(LOW SALT) | J.A.BELL,K.WILSON,X.-J.ZHANG,H.R.FABER,H.NICHOLSON,B.W.MATTHEWS | 1/91 | |
| 7LZM | | LYSOZYME(T4)(DITHIOTHREITOL) | J.A.BELL,K.WILSON,X.-J.ZHANG,H.R.FABER,H.NICHOLSON,B.W.MATTHEWS | 1/91 | |
| 1L01 | | LYSOZYME(T4) MUTANT(T155A,T157I) | S.DAO-PIN,T.ALBER,B.W.MATTHEWS | 2/88 | |

## TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 2SDH | | HEMOGLOBIN(SCAPHARCA,DIMERIC,DEOXY) | W.E.ROYER JUNIOR,W.A.HENDRICKSON,E.CHIANCONE | 1/91 | |
| 2LHB | | HEMOGLOBIN V(CYANO,MET,SEA LAMPREY) | R.B.HONZATKO,W.A.HENDRICKSON,W.E.LOVE | 8/85 | |
| 2YHX | | HEXOKINASE (YEAST) FORM BIII | T.A.STEITZ,C.M.ANDERSON,R.E.STENKAMP | 3/78 | |
| 1HKG | | HEXOKINASE A(YEAST)/GLUCOSE | W.S.BENNETT JUNIOR,T.A.STEITZ | 12/80 | |
| 1HIP | | HIPIP(CHROMATIUM VINOSUM)(OXIDIZED) | C.W.CARTER JUNIOR,J.KRAUT,S.T.FREER,N.-H.XUONG,R.A.ALDEN,R.G.BARTSCH | 4/75 | |
| 2HIP | | HIPIP(ECTOTHIORHODOSPIRA HALOPHILA) | D.R.BREITER,T.E.MEYER,I.RAYMENT,H.M.HOLDEN | 6/91 | |
| 5HIR | | HIRUDIN(NMR,MIN AVERAGED STRUCTURE) | G.M.CLORE,A.M.GRONENBORN | 1/90 | |
| 2HIR | | HIRUDIN(NMR) | G.M.CLORE,A.M.GRONENBORN | 12/88 | |
| 6HIR | | HIRUDIN(NMR,K47E,MIN AVERAGED STRUCTURE) | G.M.CLORE,A.M.GRONENBORN | 1/90 | |
| 4HIR | | HIRUDIN(NMR,K47E,32 STRUCTURES) | G.M.CLORE,A.M.GRONENBORN | 12/88 | |
| 1HLA | | HISTOCOMPATIBILITY ANTIGEN A2(HUMAN) | P.J.BJORKMAN,M.A.SAPER,B.SAMRAOUI,W.S.BENNETT,J.L.STROMINGER, D.C.WILEY | 10/87 | A |
| 2HLA | | HLA-AW68 | T.P.J.GARRETT,M.A.SAPER,D.C.WILEY | 10/89 | |
| 3HLA | | HLA-A2 | M.A.SAPER,P.J.BJORKMAN,D.C.WILEY | 10/89 | |
| 1HSA | | HISTOCOMPATIBILITY ANTIGEN(HUMAN)/HLA-B-2705 | D.R.MADDEN,J.C.GORGA,J.L.STROMINGER,D.C.WILEY | 8/92 | |
| 2HVP | | HIV-1 PROTEASE | M.A.NAVIA,P.M.D.FITZGERALD,B.M.MCKEEVER,J.P.SPRINGER | 4/89 | A |
| 3HVP | | HIV PROTEASE | A.WLODAWER,M.JASKOLSKI,M.MILLER | 8/89 | |
| 4HVP | | HIV-1 PROTEASE/N-AC-TI(NLE-PSI-NLE)QR | M.MILLER,J.SCHNEIDER,B.K.SATHYANARAYANA,M.V.TOTH, G.R.MARSHALL,L.CLAWSON,L.SELK,S.B.H.KENT,A.WLODAWER | 8/89 | |
| 5HVP | | HIV-1 PROTEASE/ACETYL-PEPSTATIN | P.M.D.FITZGERALD,B.M.MCKEEVER,J.F.VANMIDDLESWORTH,J.P.SPRINGER | 4/90 | |
| 3PHV | | HIV-1 PROTEASE | R.LAPATTO,T.L.BLUNDELL,A.HEMMINGS,A.WILDERSPIN,S.P.WOOD, D.E.DANLEY,K.F.GEOGHEGAN,S.J.HAWRYLIK,P.M.HOBART | 11/91 | |
| 9HVP | | HIV-1 PROTEASE/INHIBITOR A-74704 | D.J.NEIDHART,J.ERICKSON | 11/90 | |
| 1HHP | | HIV-1 PROTEASE(ISOLATE BRU) | S.SPINELLI,P.M.ALZARI | 5/92 | |
| 1HRH | | HIV-1 REVERSE TRANSCRIPTASE(RNASEH DOMN) | J.F.DAVIES II,D.A.MATTHEWS | 3/91 | |
| 1HYA | | HYALURONIC ACID(NA SALT, 3-FOLD HELIX) | S.ARNOTT | 11/77 | |
| 2HYA | | HYALURONIC ACID(NA SALT, 4-FOLD HELIX) | S.ARNOTT | 11/77 | |
| 3HYA | | HYALURONIC ACID(NA SALT, 2-FOLD HELIX) | S.ARNOTT | 11/77 | |
| 4HYA | | HYALURONIC ACID(CA SALT, 3-FOLD HELIX) | S.ARNOTT | 11/77 | |
| 1HYP | * | HYDROPHOBIC PROTEIN FROM SOYBEAN | M.S.LEHMANN ET AL. | 2/93 | |
| 1PHH | | P-HYDROXYBENZOATE HYDROXYLASE COMPLEX | H.A.SCHREUDER,J.DRENTH | 11/87 | |
| 2PHH | | P-HYDROXYBENZOATE HYDROXYLASE/ADPR | J.M.VAN DER LAAN,J.DRENTH,W.G.J.HOL | 6/89 | |
| 1HSD | | HYDROXYSTEROID DEHYDROGENASE | D.GHOSH,W.L.DUAX | 8/91 | |
| 3HFM | | HYHEL-10 FAB/LYSOZYME | E.A.PADLAN,D.R.DAVIES | 8/88 | |
| 2F19 | | IGG2B FAB(KAPPA) FROM A MONOCLONAL ANTI-ARSONATE AB (STRUCTURE 2) | M.B.LASCOMBE,P.M.ALZARI,R.J.POLJAK,A.NISONOFF | 5/92 | |
| 1FAI | | IGG2B FAB(KAPPA) FROM A MONOCLONAL ANTI-ARSONATE AB (STRUCTURE 1) | M.B.LASCOMBE,P.M.ALZARI,R.J.POLJAK,A.NISONOFF | 5/92 | |
| 2FBJ | | IGA FAB(KAPPA)J539 | T.N.BHAT,E.A.PADLAN,D.R.DAVIES | 8/89 | |
| 1MCP | | IMMUNOGLOBULIN IGA FAB(KAPPA)MCPC603) | Y.SATOW,G.H.COHEN,E.A.PADLAN,D.R.DAVIES | 7/84 | |
| 2MCP | | IGA FAB(KAPPA)MCPC603/PHOSPHOCHOLINE | E.A.PADLAN,G.H.COHEN,D.R.DAVIES | 10/84 | |
| 2FB4 | | IGG1 FAB (LAMBDA) KOL | M.MARQUART,R.HUBER | 4/89 | |
| 3FAB | | IMMUNOGLOBULIN FAB' NEW | R.J.POLJAK,L.M.AMZEL,B.L.CHEN,R.P.PHIZACKERLEY,F.SAUL | 9/81 | |
| 4FAB | | IMMUNOGLOBULIN 4-4-20 FAB/FLUORESCEIN | J.N.HERRON,X.HE,M.L.MASON,E.W.VOSS JUNIOR,A.B.EDMUNDSON | 4/89 | |
| 2HFL | | HYHEL-5 FAB/LYSOZYME | S.SHERIFF,D.R.DAVIES | 8/87 | |
| 1FDL | | FAB(IGG D1.3)/LYSOZYME | T.O.FISCHMANN,R.J.POLJAK | 8/90 | |
| 1MCW | | IGG1 LIGHT CHAIN DIMER(MCG-WEIR HYBRID) | K.R.ELY,J.N.HERRON,A.B.EDMUNDSON | 5/89 | |
| 2MCG | | IMMUNOGLOBULIN B-J INTACT MCG(ORTHRHMBC) | K.R.ELY,J.N.HERRON,A.B.EDMUNDSON | 5/89 | |
| 3MCG | | IMMUNOGLOBULIN B-J INTACT MCG(TRIGONAL) | K.R.ELY,J.N.HERRON,A.B.EDMUNDSON | 5/89 | |
| 1REI | | IMMUNOGLOBULIN B-J FRAGMENT(V-DIMER)REI | O.EPP,E.E.LATTMAN,P.COLMAN,H.FEHLHAMMER,W.BODE,M.SCHIFFER, R.HUBER,W.PALM | 3/76 | |
| 2RHE | | IMMUNOGLOBULIN B-J FRAGMENT(V-MNMER)RHE | W.FUREY JUNIOR,B.C.WANG,C.S.YOO,M.SAX | 6/83 | |
| 1FC1 | | IMMUNOGLOBULIN FC(HUMAN) | J.DEISENHOFER | 5/81 | |
| 1FC2 | | IMMUNOGLOBULIN FC/FRAGMENT B | J.DEISENHOFER | 5/81 | |
| 1PFC | | IGG PFC FRAGMENT | S.H.BRYANT,L.M.AMZEL,R.J.POLJAK,R.P.PHIZACKERLEY | 10/81 | |
| 2IG2 | | IGG1(LAMBDA) KOL | M.MARQUART,R.HUBER | 4/89 | |
| 1BJL | | IGG B-J LOC(CRYSTALLIZED IN AMMONIUM SULFATE) | M.SCHIFFER,Z.-B.XU,C.-H.CHANG | 3/91 | |
| 2BJL | | IGG B-J LOC(CRYSTALLIZED IN WATER) | M.SCHIFFER,Z.-B.XU,C.-H.CHANG | 3/91 | |
| 1IGF | | IGG1 FAB' FRAGMENT B13I2 | R.L.STANFIELD,I.A.WILSON | 3/91 | |
| 2IGF | | IGG1 FAB' FRAGMENT B13I2/EVVPHKK PEPTIDE | R.L.STANFIELD,I.A.WILSON | 3/91 | |
| 6FAB | | FAB 36-71(MURINE ANTI-PHENYLARSONATE) | R.STRONG ET AL. | 1/91 | |
| 1IGI | * | IGG1 FAB(IGG2A,KAPPA) FRAGMENT(26-10) | P.D.JEFFREY,S.SHERIFF | 2/93 | |
| 1IGJ | * | IGG1 FAB(IGG2A,KAPPA) FRAGMENT(26-10)/DIGOXIN | P.D.JEFFREY,S.SHERIFF | 2/93 | |
| 2INS | | INSULIN (DES-PHE B1) | G.D.SMITH,W.L.DUAX,E.J.DODSON,G.G.DODSON,R.A.G.DE GRAAF,C.D.REYNOLDS | 5/82 | |
| 1APH | | INSULIN(BOVINE,CUBIC,PH7) | O.GURSKY,J.BADGER,Y.LI,D.L.D.CASPAR | 10/92 | |
| 1BPH | | INSULIN(BOVINE,CUBIC,PH9) | O.GURSKY,J.BADGER,Y.LI,D.L.D.CASPAR | 10/92 | |
| 1CPH | | INSULIN(BOVINE,CUBIC,PH10) | O.GURSKY,J.BADGER,Y.LI,D.L.D.CASPAR | 10/92 | |
| 1DPH | | INSULIN(BOVINE,CUBIC,PH11) | O.GURSKY,J.BADGER,Y.LI,D.L.D.CASPAR | 10/92 | |
| 3INS | | INSULIN(PORCINE,XRAY+NEUTRON) | A.WLODAWER,H.SAVAGE | 10/88 | |
| 4INS | | INSULIN(PORCINE,2-ZINC) | G.G.DODSON,E.J.DODSON,D.C.HODGKIN,N.W.ISAACS,M.VIJAYAN | 7/80 | |
| 9INS | | INSULIN(PIG,CUBIC) | J.BADGER,G.G.DODSON | 10/91 | |
| 2GF1 | * | INSULIN-LIKE GROWTH FACTOR 1(NMR) | COOKE,HARVEY,CAMPBELL | 1/91 | |
| 3GF1 | * | INSULIN-LIKE GROWTH FACTOR 1(NMR,10 STR) | COOKE,HARVEY,CAMPBELL | 1/91 | |
| 1HIG | | INTERFERON-GAMMA(HUMAN) | S.E.EALICK,W.J.COOK,S.VIJAY-KUMAR,M.CARSON, T.L.NAGABHUSHAN, P.P.TROTTA,C.D.BUGG | 10/91 | A |
| 2RIG | | INTERFERON-GAMMA | C.T.SAMUDZI,L.E.BURTON,J.R.RUBIN | 1/93 | |
| 2ILA | | INTERLEUKIN 1A(HUMAN) | B.J.GRAVES,M.H.HATADA | 5/91 | |
| 1I1B | | INTERLEUKIN 1B(HUMAN) | B.C.FINZEL,K.D.WATENPAUGH,H.M.EINSPAHR | 12/89 | |
| 2I1B | | INTERLEUKIN 1B(HUMAN) | J.P.PRIESTLE,H.-P.SCHAER,M.G.GRUETTER | 1/90 | |
| 4I1B | | INTERLEUKIN 1B(HUMAN) | B.VEERAPANDIAN,T.L.POULOS,G.L.GILLILAND,R.RAAG,L.A.SVENSSON, Y.MASUI,Y.HIRAI | 3/90 | |
| 5I1B | | INTERLEUKIN 1B(HUMAN) | DUPONT PROTEIN CRYSTALLOGRAPHY GROUP | 9/90 | |
| 21BI | | INTERLEUKIN 1B(HUMAN) MUTANT(C71A) | B.VEERAPANDIAN,T.L.POULOS,G.L.GILLILAND,Y.MASUI,Y.HIRAI | 3/91 | |
| 31BI | | INTERLEUKIN 1B(HUMAN) MUTANT(C71S) | B.VEERAPANDIAN,T.L.POULOS,G.L.GILLILAND,Y.MASUI,Y.HIRAI | 3/91 | |
| 41BI | | INTERLEUKIN 1B(HUMAN) MUTANT(C8A) | B.VEERAPANDIAN,T.L.POULOS,G.L.GILLILAND,Y.MASUI,Y.HIRAI | 2/92 | |
| 8I1B | | INTERLEUKIN 1B(MOUSE) | DUPONT PROTEIN CRYSTALLOGRAPHY GROUP | 1/91 | |
| 6I1B | | INTERLEUKIN 1B(NMR,MINIMIZED AVERAGE STRUCTURE) | G.M.CLORE,A.M.GRONENBORN | 1/91 | |

**TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 1ECA | | ERYTHROCRUORIN(AQUO,MET) | W.STEIGEMANN,E.WEBER | 3/79 | |
| 1ECN | | ERYTHROCRUORIN(CYANO,MET) | W.STEIGEMANN,E.WEBER | 3/79 | |
| 1FXA | | FERREDOXIN(ANABAENA 7120) | W.R.RYPNIEWSKI,D.R.BREITER,M.M.BENNING,G.WESENBERG,B.-H.OH, J.L.MARKLEY,I.RAYMENT,H.M.HOLDEN | 1/91 | |
| 4FD1 | | FERREDOXIN(AZOTOBACTER VINELANDII) | C.D.STOUT | 6/88 | |
| 1FD2 | | FERREDOXIN(A.VINELANDII) MUTANT(C20A) | C.D.STOUT | 12/88 | |
| 2FD2 | | FERREDOXIN(A.VINELANDII) MUTANT(C24A) | C.D.STOUT | 8/90 | |
| 2FXB | | FERREDOXIN(B.THERMOPROTEOLYTICUS) | K.FUKUYAMA,T.TSUKIHARA,Y.KATSUBE | 2/90 | R |
| 1FDX | | FERREDOXIN(PEPTOCOCCUS AEROGENES) | E.T.ADMAN,L.C.SIEKER,L.H.JENSEN | 8/76 | |
| 3FXC | | FERREDOXIN(SPIRULINA PLATENSIS) | M.KAKUDO,T.TSUKIHARA,Y.KATSUBE | 12/81 | |
| 1FXI | | FERREDOXIN I | T.TSUKIHARA | 8/90 | |
| 1FER | * | FERREDOXIN I(PH 6.5) | E.A.MERRITT,G.H.STOUT,S.TURLEY,L.C.SIEKER,L.H.JENSEN,W.H.ORME-JOHNSON | 9/92 | |
| 1FXD | * | FERREDOXIN II(DESULFOVIBRIO GIGAS) | C.KISSINGER ET AL. | 4/91 | |
| 1FNR | | FERREDOXIN REDUCTASE(SPINACH) | P.A.KARPLUS,M.J.DANIELS,J.R.HERRIOTT | 6/90 | |
| 2FNR | | FERREDOXIN REDUCTASE/2'-PHOSPHO-5'-AMP | P.A.KARPLUS,M.J.DANIELS,J.R.HERRIOTT | 6/90 | |
| 1FHA | | FERRITIN(HUMAN,H CHAIN) | P.J.ARTYMIUK,P.M.HARRISON | 12/90 | |
| 2FGF | | FIBROBLAST GROWTH FACTOR(BASIC,HUMAN) | J.ZHANG,S.R.SPRANG | 2/91 | |
| 3FGF | | FIBROBLAST GROWTH FACTOR(BASIC,HUMAN) | A.E.ERIKSSON,B.W.MATTHEWS | 1/92 | |
| 1FKF | | FK-506 BINDING PROTEIN/FK506(HUMAN) | G.D.VAN DUYNE,R.F.STANDAERT,P.A.KARPLUS,S.L.SCHREIBER, J.CLARDY | 5/91 | |
| 1FCB | | FLAVOCYTOCHROME B2(YEAST) | F.S.MATHEWS,Z.-X.XIA | 1/90 | |
| 2FCR | | FLAVODOXIN | K.FUKUYAMA | 2/92 | |
| 3FXN | | FLAVODOXIN(CLOSTRIDIUM MP,OXIDIZED) | M.L.LUDWIG | 12/77 | |
| 4FXN | | FLAVODOXIN(CLOSTRIDIUM MP,SEMIQUINONE) | M.L.LUDWIG | 12/77 | |
| 1FX1 | | FLAVODOXIN | K.D.WATENPAUGH,L.C.SIEKER,L.H.JENSEN | 10/84 | |
| 1FBP | | FRUCTOSE-1,6-BISPHOSPHATASE/F6P/AMP/MG | H.KE,Y.ZHANG,W.N.LIPSCOMB | 5/90 | |
| 2FBP | | FRUCTOSE-1,6-BISPHOSPHATASE | H.KE,C.M.THORPE,B.A.SEATON,F.MARCUS,W.N.LIPSCOMB | 6/90 | |
| 3FBP | | FRUCTOSE-1,6-BISPHOSPHATASE/F6P | H.KE,C.M.THORPE,B.A.SEATON,F.MARCUS,W.N.LIPSCOMB | 6/90 | |
| 4FBP | | FRUCTOSE-1,6-BISPHOSPHATASE/AMP | H.KE,Y.ZHANG,J.-Y.LIANG,W.N.LIPSCOMB | 2/91 | |
| 5FBP | | FRUCTOSE-1,6-BISPHOSPHATASE/F6P | H.KE,J.-Y.LIANG,Y.ZHANG,W.N.LIPSCOMB | 2/91 | |
| 2GBP | | D-GALACTOSE-BINDING PROTEIN(E.COLI) | N.K.VYAS,M.N.VYAS,F.A.QUIOCHO | 2/89 | |
| 3GBP | | GALACTOSE-BINDING PROTEIN | S.L.MOWBRAY | 1/90 | R |
| 3GAP | | CATABOLITE GENE ACTIVATOR PROTEIN/CAMP | I.T.WEBER,T.A.STEITZ | 4/87 | |
| 1GCN | | GLUCAGON | T.L.BLUNDELL,K.SASAKI,S.DOCKERILL,I.J.TICKLE | 10/77 | |
| 1PGI | | GLUCOSE-6-PHOSPHATE ISOMERASE | H.MUIRHEAD | 8/77 | A |
| 2GLS | | GLUTAMINE SYNTHETASE(S.TYPHIMURIUM) | D.EISENBERG,R.J.ALMASSY,M.M.YAMASHITA | 5/89 | |
| 1GSG | | GLUTAMINYL-TRNA SYNTHETSE/GLUTAMINE-TRNA | M.A.ROULD,J.J.PERONA,D.SOELL,T.A.STEITZ | 4/90 | A |
| 1GP1 | | GLUTATHIONE PEROXIDASE(BOVINE) | O.EPP,R.LADENSTEIN | 6/85 | |
| 3GRS | | GLUTATHIONE REDUCTASE(OXIDIZED) | G.E.SCHULZ,P.A.KARPLUS | 2/88 | |
| 4GR1 | | GLUTATHIONE REDUCTASE/RETRO-GSSG | G.E.SCHULZ,W.JANES | 3/90 | |
| 1GD1 | | D-GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE(HOLO) | T.SKARZYNSKI,P.C.E.MOODY,A.J.WONACOTT | 6/87 | |
| 2GD1 | | APO-GPD(BACILLUS STEAROTHERMOPHILUS) | T.SKARZYNSKI,A.J.WONACOTT | 6/89 | |
| 1GPD | | GLYCERALDEHYDE-3-P-DEHYDROGENASE(LOBSTER) | D.MORAS,K.W.OLSEN,M.N.SABESAN,M.BUEHNER,G.C.FORD, M.G.ROSSMANN | 7/75 | |
| 4GPD | | APO-GLYCERALDEHYDE-3-P-DEHYDRGNSE(LOBSTER) | J.P.GRIFFITH,S.SONG,M.G.ROSSMANN | 1/88 | |
| 3GPD | | GLYCERALDEHYDE-3-P-DEHYDROGENASE(HUMAN) | H.C.WATSON,J.C.CAMPBELL | 6/83 | |
| 1GPA | | GLYCOGEN PHOSPHORYLASE A(R STATE) | D.BARFORD,S.-H.HU,L.N.JOHNSON | 11/90 | |
| 1GPB | | GLYCOGEN PHOSPHORYLASE B | L.N.JOHNSON,K.R.ACHARYA,D.I.STUART | 6/90 | |
| 2GPB | | GLYCOGEN PHOSPHORYLASE B/GLC | J.L.MARTIN,L.N.JOHNSON | 6/90 | |
| 3GPB | | GLYCOGEN PHOSPHORYLASE B/G1P | J.L.MARTIN,L.N.JOHNSON | 6/90 | |
| 4GPB | | GLYCOGEN PHOSPHORYLASE B/GFP | J.L.MARTIN,L.N.JOHNSON | 6/90 | |
| 5GPB | | GLYCOGEN PHOSPHORYLASE B/GMP/GLC | J.L.MARTIN,L.N.JOHNSON | 6/90 | |
| 6GPB | | GLYCOGEN PHOSPHORYLASE B/H2P | K.R.ACHARYA,L.N.JOHNSON | 6/90 | |
| 7GPB | | GLYCOGEN PHOSPHORYLASE B(R STATE)/AMP | D.BARFORD,S.-H.HU,L.N.JOHNSON | 11/90 | |
| 8GPB | | GLYCOGEN PHOSPHORYLASE B(T STATE)/AMP | D.BARFORD,S.-H.HU,L.N.JOHNSON | 11/90 | |
| 9GPB | | GLYCOGEN PHOSPHORYLASE B(R STATE) | D.BARFORD,L.N.JOHNSON | 12/90 | |
| 1GOX | | GLYCOLATE OXIDASE(SPINACH) | Y.LINDQVIST | 6/89 | |
| 1GMA | | GRAMICIDIN A | D.A.LANGS | 8/88 | |
| 2HAD | | HALOALKANE DEHALOGENASE | K.H.G.VERSCHUEREN,S.M.FRANKEN,B.W.DIJKSTRA | 8/92 | |
| 1HSC | | HEAT-SHOCK COGNATE PROTEIN(ATPASE FRAGMENT) | K.M.FLAHERTY,C.R.DELUCA-FLAHERTY,D.B.MCKAY | 9/90 | A |
| 2HMG | | HEMAGGLUTININ MUTANT(G146(A)D) | W.I.WEIS,A.T.BRUENGER,J.J.SKEHEL,D.C.WILEY | 9/89 | |
| 3HMG | | HEMAGGLUTININ MUTANT(L226(A)Q) | W.I.WEIS,A.T.BRUENGER,J.J.SKEHEL,D.C.WILEY | 9/89 | |
| 4HMG | | HEMAGGLUTININ MUTANT(L226(A)Q)/SIALIC AC | W.I.WEIS,A.T.BRUENGER,J.J.SKEHEL,D.C.WILEY | 9/89 | |
| 5HMG | | HEMAGGLUTININ MUTANT(D112(B)G)/SIALIC AC | W.I.WEIS,A.T.BRUENGER,J.J.SKEHEL,D.C.WILEY | 9/89 | |
| 1HRB | | HEMERYTHRIN B | W.A.HENDRICKSON,K.B.WARD | 6/76 | A |
| 2HMQ | | HEMERYTHRIN(MET) | M.A.HOLMES,R.E.STENKAMP | 10/90 | R |
| 2HMZ | | HEMERYTHRIN(AZIDOMET) | M.A.HOLMES,R.E.STENKAMP | 10/90 | R |
| 1HMD | | HEMERYTHRIN(DEOXY) | M.A.HOLMES,I.LE TRONG,S.TURLEY,L.C.SIEKER,R.E.STENKAMP | 10/90 | |
| 1HMO | | HEMERYTHRIN(OXY) | M.A.HOLMES,I.LE TRONG,S.TURLEY,L.C.SIEKER,R.E.STENKAMP | 10/90 | |
| 1HR3 | | HEMERYTHRIN(AZIDO,MET,SIPHONOSOMA) | J.L.SMITH,W.A.HENDRICKSON,A.W.ADDISON | 5/83 | A |
| 1HDS | | HEMOGLOBIN(DEER,SICKLE CELL) | E.L.AMMA,R.L.GIRLING | 10/79 | |
| 1HBG | | HEMOGLOBIN(CARBONMONOXY) | G.A.ARENTS,B.C.BRADEN,E.A.PADLAN,W.E.LOVE | 2/91 | |
| 2HBG | | HEMOGLOBIN(GLYCERA DIBRANCHIATA,DEOXY) | G.A.ARENTS,W.E.LOVE | 2/91 | |
| 2MHB | | HEMOGLOBIN(HORSE,AQUO MET) | R.C.LADNER,E.G.HEIDNER,M.F.PERUTZ | 2/77 | |
| 2DHB | | HEMOGLOBIN(HORSE,DEOXY) | M.F.PERUTZ ET AL. | 11/73 | |
| 2HHB | | HEMOGLOBIN(HUMAN,DEOXY) | G.FERMI,M.F.PERUTZ | 3/84 | |
| 3HHB | | HEMOGLOBIN(HUMAN,DEOXY,SYMMETRY AVRGD) | G.FERMI,M.F.PERUTZ | 3/84 | |
| 4HHB | | HEMOGLOBIN(HUMAN,DEOXY,UNRESTRAINED) | G.FERMI,M.F.PERUTZ | 3/84 | |
| 1HCO | | HEMOGLOBIN(HUMAN,CARBONMONOXY) | J.M.BALDWIN | 8/79 | |
| 2HCO | | HEMOGLOBIN(HUMAN,CARBONMONOXY,NRG REFND) | J.M.BALDWIN | 8/79 | |
| 1HHO | | HEMOGLOBIN(HUMAN,OXY) | B.SHAANAN | 6/83 | |
| 1THB | | HEMOGLOBIN(HUMAN,T STATE,PARTIALLY OXY) | D.A.WALLER,R.C.LIDDINGTON | 1/90 | |
| 1FDH | | HEMOGLOBIN(HUMAN,FETAL,DEOXY) | J.A.FRIER JUNIOR | 8/76 | |
| 1HBS | | HEMOGLOBIN S(HUMAN,SICKLE CELL) | E.A.PADLAN,W.E.LOVE | 6/82 | |
| 1COH | | HEMOGLOBIN(ALPHA-FERROUS,BETA-COBALTOUS) | B.LUISI | 1/89 | |
| 1NIH | | HEMOGLOBIN(ALPHA-NICKEL,BETA-FERROUS) | B.LUISI,B.LIDDINGTON | 3/90 | |
| 1PBX | | HEMOGLOBIN(PAGOTHENIE BERNACCHII)/CO | G.FERMI | 11/91 | |
| 1SDH | | HEMOGLOBIN(SCAPHARCA,DIMERIC,CO) | W.E.ROYER JUNIOR,W.A.HENDRICKSON,E.CHIANCONE | 10/89 | |

**TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993**

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 1D27 | | DNA(CGC(O6MEG)AATTTGCG) | G.A.LEONARD,J.THOMSON,W.P.WATSON,T.BROWN | 9/90 | |
| 1D28 | | DNA(CGTGAATTCACG) | N.NARAYANA,S.L.GINELL,I.M.RUSSU,H.M.BERMAN | 12/90 | |
| 1D31 | | DNA(CGCAGAATTCGCG) | L.JOSHUA-TOR,J.L.SUSSMAN | 4/91 | |
| 1NDN | | DNA(D(CGCGAAAACGCG).D(CGCGTT).D(TTCGCG)) | J.AYMANI,M.COLL,G.A.VAN DER MAREL,J.H.VAN BOOM,A.H.-J.WANG, A.RICH | 5/90 | |
| 1D29 | | DNA(CGTGAATTCACG,SYNTHETIC,0 DEG C) | T.A.LARSEN,M.L.KOPKA,R.E.DICKERSON | 1/91 | |
| 1D30 | | DNA(CGCGAATTCGCG,SYNTHETIC)/DAPI | T.A.LARSEN,D.S.GOODSELL,D.CASCIO,K.GRZESKOWIAK,R.E.DICKERSON | 1/91 | |
| 1D32 | | DNA(CGCG)/DITERCALINIUM | Q.GAO,L.D.WILLIAMS,M.EGLI,D.RABINOVICH,S-L..CHEN,G.J.QUIGLEY,A.RICH | 1/91 | |
| 1D33 | | DNA(CGCGCG)/DAUNOMYCIN/HCHO | A.H.-J.WANG,Y.-G.GAO,Y.-C.LIAW,Y.-K.LI | 2/91 | |
| 2D34 | | DNA(CGTDCG)/DAUNOMYCIN/HCHO | A.H.-J.WANG,Y.-G.GAO,Y.-C.LIAW,Y.-K.LI | 5/91 | |
| 1D35 | | DNA(CGTDCG)/MAR 70 | Y.-G.GAO,Y.-C.LIAW,Y.-K.LI,G.A.VAN DER MAREL,J.H.VAN BOOM,A.H.-J.WANG | 4/91 | |
| 1D36 | | DNA(CGTACG)/MAR 70 | Y.-G.GAO,Y.-C.LIAW,Y.-K.LI,G.A.VAN DER MAREL,J.H.VAN BOOM,A.H.-J.WANG | 4/91 | |
| 1D37 | | DNA(CGATCG)/4-O-DEMETHYL-11-DEOXYDOXORUBICIN | Y.-G.GAO,A.H.-J.WANG | 4/91 | |
| 1D38 | | DNA(CGATCG)/IDARUBICIN | Y.-G.GAO,A.H.-J.WANG | 4/91 | |
| 1D39 | | DNA(CGCGCG)/CUCL2 | T.F.KAGAWA,B.H.GEIERSTANGER,A.H.-J.WANG,P.S.HO | 5/91 | |
| 1D40 | | DNA((5MC)GUA(5MC)G)/CUCL2 | B.H.GEIERSTANGER,T.F.KAGAWA,S.-L.CHEN,G.J.QUIGLEY,P.S.HO | 5/91 | |
| 1D41 | | DNA((5MC)GUA(5MC)G) | G.ZHOU,P.S.HO | 5/91 | |
| 1D43 | | DNA(CGCGAATTCGCG)/HOECHST 33258(0C) | J.R.QUINTANA,A.A.LIPANOV,R.E.DICKERSON | 5/91 | |
| 1D44 | | DNA(CGCGAATTCGCG)/HOECHST 33258(0C) | J.R.QUINTANA,A.A.LIPANOV,R.E.DICKERSON | 5/91 | |
| 1D45 | | DNA(CGCGAATTCGCG)/HOECHST 33258(-25C) | J.R.QUINTANA,A.A.LIPANOV,R.E.DICKERSON | 5/91 | |
| 1D46 | | DNA(CGCGAATTCGCG)/HOECHST 33258/-100C | J.R.QUINTANA,A.A.LIPANOV,R.E.DICKERSON | 5/91 | |
| 2D47 | | DNA(CCCCCGCGGGGG)/SPERMINE | N.VERDAGUER,J.AYMANI,D.FERNANDEZ-FORNER,I.FITA,M.COLL, T.HUYNH-DINH,J.IGOLEN,J.A.SUBIRANA | 10/91 | |
| 1D48 | | DNA(CGCGCG)/SPERMINE | M.EGLI,L.D.WILLIAMS,Q.GAO,A.RICH | 9/91 | |
| 1D49 | | DNA(CGATTAATCG) | J.R.QUINTANA,K.GRZESKOWIAK,K.YANAGI,R.E.DICKERSON | 9/91 | |
| 1D56 | | DNA(CGATATATCG)/CALCIUM | H.S.YUAN,J.R.QUINTANA,R.E.DICKERSON | 2/92 | |
| 1D57 | | DNA(CGATATATCG)/MAGNESIUM | H.S.YUAN,J.R.QUINTANA,R.E.DICKERSON | 2/92 | |
| 1D76 | | DNA(CGU+ACG) | B.SCHNEIDER,S.L.GINELL,R.JONES,B.GAFFNEY,H.M.BERMAN | 5/92 | |
| 1CGC | | DNA(CCGGCGCCGG) | U.HEINEMANN,M.BANSAL | 1/92 | |
| 1D58 | | DNA (TGATCA)/4'-EPIADRIAMYCIN | B.L.D'ESTAINTOT,B.GALLOIS,T.BROWN,W.N.HUNTER | 2/92 | |
| 1D63 | | DNA(CGCAAATTTGCG)/BERENIL | D.G.BROWN,M.R.SANDERSON,E.GERMAN,S.NEIDLE | 3/92 | |
| 1D64 | | DNA(CGCGAATTCGCG)/PENTAMIDINE | K.J.EDWARDS,T.C.JENKINS,S.NEIDLE | 3/92 | |
| 1D65 | | DNA(CGCAAATTTGCG) | K.J.EDWARDS,D.G.BROWN,N.SPINK,J.V.SKELLY,S.NEIDLE | 3/92 | |
| 1D81 | | DNA(CGCAAATTIGCG,SYNTH): I=INOSINE | G.A.LEONARD,E.D.BOOTH,W.N.HUNTER,T.BROWN | 7/92 | |
| 1D82 | | DNA(GTCTAGAC,SYNTHETIC) | A.R.CERVI,B.LANGLOIS D'ESTAINTOT,W.N.HUNTER | 6/92 | |
| 1D75 | | DNA(CGCGAATT(O8A)GCG) | G.A.LEONARD,A.GUY,T.BROWN,R.TEOULE,W.N.HUNTER | 5/92 | |
| 1D42 | * | DNA(GTATATAC)(NMR,5 STRUCTURES) | U.SCHMITZ,T.JAMES | 5/91 | |
| 1D53 | * | DNA(CGCICICG) | V.KUMAR ET AL. | 11/91 | |
| 1D54 | * | DNA(TGTACA)/4'-EPIADRIAMYCIN | G.A.LEONARD,T.BROWN,W.N.HUNTER | 1/92 | |
| 1D59 | * | DNA(GGGGTTTTGGGG) | C.KANG,A.RICH | 2/92 | |
| 1D60 | * | DNA(CCAACITTGG) | A.A.LIPANOV,M.L.KOPKA,M.KACZOR-GRZESKOWIAK,R.E.DICKERSON | 2/92 | |
| 1D61 | * | DNA(CCAACITTGG) | A.A.LIPANOV,M.L.KOPKA,M.KACZOR-GRZESKOWIAK,R.E.DICKERSON | 2/92 | |
| 1D66 | * | GAL4(RESIDUES 1-65)/CCGGAGGACAGTCCTCCGG | R.MARMORSTEIN,S.HARRISON | 3/92 | |
| 1D68 | * | DNA(GCGTATACGC)(NMR) | CHENG,CHOU,SALAZAR,REID | 4/92 | |
| 1D69 | * | DNA(ATGAGCGAAT)(NMR) | CHOU,CHENG,REID | 4/92 | |
| 1D70 | * | DNA(GTATAATG)(NMR,4 STRUCTURES) | U.SCHMITZ,T.L.JAMES | 4/92 | |
| 1D78 | * | DNA(GTGTACAC)(A CONFORMATION,GROWN IN PRESENCE OF SPERMINE) | N.THOTA,X.H.LI,C.BINGMAN,M.SUNDARALINGAM | 6/92 | |
| 1D79 | * | DNA(GTGTACAC)(A CONFORMATION,GROWN IN THE PRESENCE OF SPERMIDINE) | N.THOTA,X.H.LI,C.BINGMAN,M.SUNDARALINGAM | 6/92 | |
| 110D | * | DNA(CGGCCG)/DAUNOMYCIN | G.A.LEONARD,T.W.HAMBLEY,K.MCAULEY-HECHT,T.BROWN,W.N.HUNTER | 1/93 | |
| 116D | * | DNA(CCGTACGTACGG) | C.BINGMAN,M.SUNDARALINGAM | 2/93 | |
| 117D | * | DNA(GCGTACGTACGC) | C.BINGMAN,S.JAIN,M.SUNDARALINGAM | 2/93 | |
| 1DA3 | * | DNA(CGATCGA(ME)TCG) | I.BAIKALOV,K.GRZESKOWIAK,K.YANAGI,J.QUINTANA,R.E.DICKERSON | 11/92 | |
| 1DA9 | * | DNA(TGGCCA)/ADRIAMYCIN | G.A.LEONARD,T.W.HAMBLEY,K.MCAULEY-HECHT,T.BROWN,W.N.HUNTER | 1/93 | |
| 1OFX | | RNA(GCG)D(TATACCC)/D(GGGTATACGC)OKAZAKI | M.EGLI,N.USMAN,S.ZHANG,A.RICH | 10/91 | |
| 1DPI | | DNA POLYMERASE I(KLENOW FRAGMENT) | L.BEESE,D.OLLIS,T.STEITZ | 8/87 | A |
| 2GN5 | | GENE-5 DNA BINDING PROTEIN | G.D.BRAYER,A.MCPHERSON | 1/86 | |
| 1R1E | | ECO RI ENDONUCLEASE/TCGCGAATTCGCG | Y.KIM,J.C.GRABLE,R.LOVE,P.J.GREENE,J.M.ROSENBERG | 9/90 | A |
| 2RVE | | ECO RV ENDONUCLEASE/CGAGCTCG | F.K.WINKLER | 3/91 | |
| 4RVE | * | ECO RV ENDONUCLEASE/DNA | F.K.WINKLER | 2/93 | |
| 1HNE | | ELASTASE(HUMAN NEUTROPHIL) | M.A.NAVIA,B.M.MCKEEVER,J.P.SPRINGER,T.-Y.LIN,H.R.WILLIAMS, E.M.FLUDER,C.P.DORN,K.HOOGSTEEN | 4/89 | |
| 1EST | | ELASTASE(PORCINE,TOSYL) | L.SAWYER,D.M.SHOTTON,H.C.WATSON | 5/76 | |
| 2EST | | ELASTASE-TFAP COMPLEX(PORCINE) | L.C.SIEKER,D.L.HUGHES | 3/86 | |
| 3EST | | ELASTASE(PORCINE) | E.F.MEYER,G.COLE,R.RADHAKRISHNAN,O.EPP | 9/87 | |
| 6EST | | ELASTASE | T.PRANGE,I.LI DE LA SIERRA | 6/90 | |
| 7EST | | ELASTASE/TFLA | I.LI DE LA SIERRA,T.PRANGE | 6/90 | |
| 4EST | | ELASTASE/DIFLUOROKETONE INHIBITOR | L.H.TAKAHASHI,R.RADHAKRISHNAN,R.E.ROSENFIELD JUNIOR, E.F.MEYER JUNIOR,D.A.TRAINOR | 5/89 | |
| 5EST | | ELASTASE/BORONIC ACID INHIBITOR | L.H.TAKAHASHI,R.RADHAKRISHNAN,R.E.ROSENFIELD JUNIOR, E.F.MEYER JUNIOR | 5/89 | |
| 8EST | | ELASTASE(PORCINE)/GUANIDINIUM ISOCOUMARIN | R.RADHAKRISHNAN,J.C.POWERS,E.F.MEYER JUNIOR | 2/90 | |
| 1EFM | | ELONGATION FACTOR TU(TRYPSIN-MODIFIED) | F.JURNAK | 5/87 | A |
| 1ETU | | ELONGATION FACTOR TU(DOMAIN I)/GDP | B.F.C.CLARK,T.F.M.LA COUR,M.KJELDGAARD,K.MORIKAWA,J.NYBORG, R.RUBIN,S.THIRUP | 1/88 | |
| 1HDD | | ENGRAILED HOMEODOMAIN/DNA | C.R.KISSINGER,B.LIU,C.O.PABO,E.MARTIN-BLANCO,T.B.KORNBERG | 9/91 | |
| 3ENL | | ENOLASE(YEAST) | L.LEBIODA,B.STEC | 11/90 | R |
| 4ENL | | ENOLASE(YEAST)/ZN | L.LEBIODA,B.STEC | 11/90 | |
| 5ENL | | ENOLASE/CA2+/2-PHOSPHO-D-GLYCERIC ACID | L.LEBIODA,B.STEC | 11/90 | |
| 6ENL | | ENOLASE(YEAST)/ZN2/PHOSPHOGLYCOLATE | L.LEBIODA,B.STEC | 11/90 | |
| 7ENL | | ENOLASE(YEAST)/MG2+/2-PHOSPHO-D-GLYCERATE | L.LEBIODA,B.STEC | 11/90 | |
| 5EBX | | ERABUTOXIN A(SEA SNAKE) | P.W.R.CORFIELD,T.-J.LEE,B.W.LOW | 12/89 | |
| 3EBX | | ERABUTOXIN B(SEA SNAKE) | J.L.SMITH,P.W.R.CORFIELD,W.A.HENDRICKSON,B.W.LOW | 1/88 | |
| 6EBX | | ERABUTOXIN B(LATICAUDA SEMIFASCIATA) | T.PRANGE,P.SALUDJIAN | 5/91 | |
| 1ECD | | ERYTHROCRUORIN(REDUCED,DEOXY) | W.STEIGEMANN,E.WEBER | 3/79 | |
| 1ECO | | ERYTHROCRUORIN(CARBONMONOXY) | W.STEIGEMANN,E.WEBER | 3/79 | |

**TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993**

| IDENT CODE | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|
| 3CPP | CYTOCHROME P450CAM/CAMPHOR MONOXYGENASE | R.RAAG,T.L.POULOS | 7/89 | |
| 4CPP | CYTOCHROME P450CAM/ADAMANTANE | R.RAAG,T.L.POULOS | 5/90 | |
| 5CPP | CYTOCHROME P450CAM/ADAMANTANONE | R.RAAG,T.L.POULOS | 5/90 | |
| 6CPP | CYTOCHROME P450CAM/CAMPHANE | R.RAAG,T.L.POULOS | 5/90 | |
| 7CPP | CYTOCHROME P450CAM/NORCAMPHOR | R.RAAG,T.L.POULOS | 5/90 | |
| 8CPP | CYTOCHROME P450CAM/THIOCAMPHOR | R.RAAG,T.L.POULOS | 5/90 | |
| 1CP4 | CYTOCHROME P450CAM(PHENYL RADICAL) | R.RAAG,T.POULOS | 6/91 | |
| 2CP4 | CYTOCHROME P450CAM MUTANT(T252A) | R.RAAG,T.POULOS | 6/91 | |
| 3CP4 | CYTOCHROME P450CAM(11 WEEK ADAMANTANE) | R.RAAG,T.POULOS | 6/91 | |
| 4CP4 | CYTOCHROME P450CAM(RECOMBINANT) | R.RAAG,T.POULOS | 6/91 | |
| 1DFN | DEFENSIN HNP-3(HUMAN) | C.P.HILL,J.YEE,M.E.SELSTED,D.EISENBERG | 1/91 | |
| 1DTX | ALPHA-DENDROTOXIN | T.SKARZYNSKI | 4/91 | |
| 1ATN | DEOXYRIBONUCLEASE I/ACTIN | W.KABSCH,H.G.MANNHERZ,D.SUCK,E.PAI,K.C.HOLMES | 3/91 | |
| 8DFR | DIHYDROFOLATE REDUCTASE(CHICKEN LIVER) | D.A.MATTHEWS,S.J.OATLEY,J.BURRIDGE,B.T.KAUFMAN,N.-H.XUONG, J.KRAUT | 5/89 | |
| 3DFR | DIHYDROFOLATE REDUCTASE(L. CASEI) | D.J.FILMAN,D.A.MATTHEWS,J.T.BOLIN,J.KRAUT | 6/82 | |
| 4DFR | DIHYDROFOLATE REDUCTASE(E. COLI) | D.J.FILMAN,D.A.MATTHEWS,J.T.BOLIN,J.KRAUT | 6/82 | |
| 5DFR | APO-DIHYDROFOLATE REDUCTASE(E.COLI) | C.BYSTROFF,J.KRAUT | 10/88 | |
| 6DFR | DIHYDROFOLATE REDUCTASE(E.COLI)/NADP | C.BYSTROFF,S.J.OATLEY,J.KRAUT | 10/88 | |
| 7DFR | DIHYDROFOLATE REDUCTASE/FOLATE/NADP | C.BYSTROFF,S.J.OATLEY,J.KRAUT | 10/88 | |
| 1DHF | DIHYDROFOLATE REDUCTASE(HUMAN)/FOLATE | J.F.DAVIES II,J.KRAUT | 10/89 | |
| 2DHF | DIHYDROFOLATE REDUCTASE/5-DEAZAFOLATE | J.F.DAVIES II,J.KRAUT | 10/89 | |
| 1DRF | DIHYDROFOLATE REDUCTASE(HUMAN)/FOLATE | C.OEFNER,A.D'ARCY,F.K.WINKLER | 8/90 | |
| 1ANA | DNA(D-IODO-CCGG) | B.N.CONNER,R.E.DICKERSON | 6/82 | |
| 2ANA | DNA(A,GGGGCCCC,SYNTHETIC) | M.MCCALL,T.BROWN,O.KENNARD | 8/85 | |
| 3ANA | DNA(A,GGGATCCC) | U.HEINEMANN,H.LAUBLE | 7/88 | |
| 9DNA | DNA(GCCCGGGC) | U.HEINEMANN | 7/87 | |
| 1BNA | DNA(B,CGCGAATTCGCG,SYNTHETIC,290 K) | H.R.DREW,R.E.DICKERSON | 1/81 | |
| 2BNA | DNA(B,CGCGAATTCGCG,SYNTHETIC,16 K) | H.R.DREW,R.E.DICKERSON | 11/81 | |
| 3BNA | DNA(B,9-BR-CGCGAATTCGCG,SYNTH,20 DEG C) | M.L.KOPKA,A.V.FRATINI,R.E.DICKERSON | 2/82 | |
| 4BNA | DNA(B,9-BR-CGCGAATTCGCG,SYNTH, 7 DEG C) | M.L.KOPKA,A.V.FRATINI,R.E.DICKERSON | 2/82 | |
| 5BNA | DNA(B,CGCGAATTCGCG,SYNTHETIC)/CISPLATIN | R.WING,P.PJURA,H.DREW,R.DICKERSON | 8/83 | |
| 6BNA | DNA(CGCGAATT-BR-CGCG,SYNTH)/NETROPSIN | M.L.KOPKA,C.YOON,D.GOODSELL,P.PJURA,R.E.DICKERSON | 8/84 | |
| 7BNA | DNA(B,CGCGAATTCGCG,ANISO TEMP FACTORS) | S.R.HOLBROOK,R.E.DICKERSON,S.-H.KIM | 1/85 | |
| 8BNA | DNA(CGCGAATTCGCG,SYNTHTC)/HOECHST 33258 | P.PJURA,K.GRZESKOWIAK,R.E.DICKERSON | 8/86 | |
| 1ZNA | DNA(Z',CGCG,HIGH-SALT,SYNTHETIC) | H.R.DREW,R.E.DICKERSON | 1/81 | |
| 1DN4 | DNA(BR-CG-BR-CG-BR-CG)(18 DEG C) | B.CHEVRIER,A.C.DOCK,B.HARTMANN,M.LENG,D.MORAS,M.T.THUONG, E.WESTHOF | 12/86 | |
| 1DN5 | DNA(BR-CG-BR-CG-BR-CG)(37 DEG C) | B.CHEVRIER,A.C.DOCK,B.HARTMANN,M.LENG,D.MORAS,M.T.THUONG, E.WESTHOF | 12/86 | |
| 1DN6 | DNA(GGATGGGAG,SYNTHETIC) | M.J.MCCALL,T.BROWN,W.N.HUNTER,O.KENNARD | 5/87 | |
| 1DN8 | DNA(CGTACGTACG,SYNTHETIC) | M.SUNDARALINGAM | 5/87 | |
| 2DND | DNA(CGCAAATTTGCG)/DISTAMYCIN | M.COLL,C.A.FREDERICK,A.H.-J.WANG,A.RICH | 8/88 | |
| 1DNH | DNA(CGCGAATTCGCG)/HOECHST 33258 | M.-K.TENG,N.USMAN,C.A.FREDERICK,A.H.-J.WANG | 2/88 | |
| 3DNB | DNA(CCAAGATTGG) | G.G.PRIVE,R.E.DICKERSON | 3/88 | |
| 1D16 | DNA(CGCGCGTTTTCGCGCG) | R.CHATTOPADHYAYA,R.E.DICKERSON | 4/88 | |
| 1DCG | DNA(CGCGCG) | R.V.GESSNER,C.A.FREDERICK,G.J.QUIGLEY,A.RICH,A.H.-J.WANG | 8/88 | |
| 2DCG | DNA(CGCGCG)/SPERMINE | A.H.-J.WANG,G.J.QUIGLEY,F.J.KOLPAK,J.L.CRAWFORD,J.H.VAN BOOM, G.A.VAN DER MAREL,A.RICH | 8/88 | |
| 4DNB | DNA(CGCGAATTCGCG) | C.A.FREDERICK,G.J.QUIGLEY,G.A.VAN DER MAREL,J.H.VAN BOOM, A.H.-J.WANG,A.RICH | 8/88 | |
| 1DNE | DNA(CGCGATATCGCG)/NETROPSIN | M.COLL,J.AYMANI,G.A.VAN DER MAREL,J.H.VAN BOOM,A.RICH, A.H.-J.WANG | 9/88 | |
| 1BD1 | DNA(CCAGGCCTGG) | U.HEINEMANN | 8/89 | |
| 1DNS | DNA(GTGTACAC)/SPERMINE | M.SUNDARALINGAM | 2/89 | |
| 1DN9 | DNA(CGCATATATGCG) | C.YOON,R.E.DICKERSON | 4/89 | |
| 5ANA | DNA(GTACGTAC) | F.TAKUSAGAWA | 10/89 | |
| 1DNF | DNA(CGCGFG) | M.COLL,D.SAAL,C.A.FREDERICK,J.AYMANI,A.RICH,A.H.-J.WANG | 12/88 | |
| 1D10 | DNA(CGATCG)/DAUNOMYCIN | C.A.FREDERICK,L.D.WILLIAMS,G.UGHETTO,G.A.VAN DER MAREL, J.H.VAN BOOM,A.RICH, A.H.-J.WANG | 10/89 | |
| 1D11 | DNA(CGTACG)/DAUNOMYCIN | A.H.-J.WANG,G.UGHETTO,G.J.QUIGLEY,A.RICH | 10/89 | |
| 1D12 | DNA(CGATCG)/ADRIAMYCIN | C.A.FREDERICK,L.D.WILLIAMS,G.UGHETTO,G.A.VAN DER MAREL, J.H.VAN BOOM,A.RICH, A.H.-J.WANG | 10/89 | |
| 1D13 | DNA(ACCGGCCGGT) | C.A.FREDERICK,G.J.QUIGLEY,M.-K.TENG,M.COLL,G.A.VAN DER MAREL, J.H.VAN BOOM,A.RICH, A.H.-J.WANG | 10/89 | |
| 1D14 | DNA(CGTACG)/11-DEOXYDAUNOMYCIN | L.D.WILLIAMS,M.EGLI,G.UGHETTO,G.A.VAN DER MAREL,J.H.VAN BOOM, G.J.QUIGLEY,A.H.-J.WANG,A.RICH,C.A.FREDERICK | 10/89 | |
| 1BDN | DNA(CGCAAAAATGCG) | A.D.DIGABRIELE,M.R.SANDERSON,T.A.STEITZ | 4/89 | |
| 9BNA | DNA(CGCGAATTCGCG) | E.WESTHOF | 2/90 | |
| 1DNM | DNA(CGCAAGCTGGCG) | G.D.WEBSTER,M.R.SANDERSON,J.V.SKELLY,S.NEIDLE | 6/90 | |
| 2DBE | DNA(CGCGAATTCGCG)/BERENIL | D.G.BROWN,M.R.SANDERSON,J.V.SKELLY,T.C.JENKINS,T.BROWN, E.GARMAN,D.E.STUART,S.NEIDLE | 3/90 | |
| 28DN | DNA(GTACGTAC) | C.COURSEILLE,A.DAUTANT,M.HOSPITAL,B.LANGLOIS D'ESTAINTOT, G.PRECIGOUX,D.MOLKO,R.TEOULE | 7/91 | |
| 1D15 | DNA(CGATCG)/4'-EPIADRIAMYCIN/SPERMINE | L.D.WILLIAMS,C.FREDERICK,G.UGHETTO,A.RICH | 7/90 | |
| 1D17 | DNA(+CGT+A+CG)/NOGALAMYCIN | M.EGLI,L.D.WILLIAMS,C.A.FREDERICK,A.RICH | 7/90 | |
| 1D18 | DNA(CATGCATG)(NMR,ENERGY MINIMIZED STRUCTURE) | J.D.BALEJA,B.D.SYKES | 8/90 | |
| 1D19 | DNA(GTACGTAC)(NMR,ENERGY MINIMIZED STRUCTURE) | J.D.BALEJA,B.D.SYKES | 8/90 | |
| 1D20 | DNA(TCTATCACCG)(NMR,ENERGY MINIMIZED STRUCTURE) | J.D.BALEJA,B.D.SYKES | 8/90 | |
| 1D21 | DNA(+CGT+A+CG)/NOGALAMYCIN | A.H.-J.WANG,Y.-C.LIAW,Y.-G.GAO,H.ROBINSON | 8/90 | |
| 1D22 | DNA(+CGT+A+CG)/U58872 | A.H.-J.WANG,Y.-C.LIAW,Y.-G.GAO,H.ROBINSON | 8/90 | |
| 1D23 | DNA(CGATCGATCG) | K.GRZESKOWIAK,K.YANAGI,G.G.PRIVE,R.E.DICKERSON | 8/90 | |
| 5DNB | DNA(CCAACGTTGG) | G.G.PRIVE,K.YANAGI,R.E.DICKERSON | 3/90 | |
| 1D24 | DNA(CGC(O6ME)GCG) | S.L.GINELL,S.KUZMICH,R.A.JONES,H.M.BERMAN | 8/90 | |
| 2D25 | DNA(CCAGGC(5MC)TGG) | U.HEINEMANN,M.HAHN | 1/92 | |
| 1D26 | DNA(GCCC(G3P)GGC) | U.HEINEMANN | 9/90 | |

**TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993**

| IDENT CODE | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|
| 3CLA | CHLORAMPHENICOL ACETYLTRANSFERASE | A.G.W.LESLIE | 7/90 | |
| 4CLA | CHLORAMPHENICOL ACETYLTRANSFERASE(L160F) | A.G.W.LESLIE | 10/90 | |
| 1COX | CHOLESTEROL OXIDASE | A.VRIELINK,L.F.LLOYD,D.M.BLOW | 2/91 | |
| 1C4S | CHONDROITIN-4-SULFATE | S.ARNOTT | 5/78 | |
| 2C4S | CHONDROITIN-4-SULFATE(CA SALT) | S.ARNOTT | 5/78 | |
| 1CMS | CHYMOSIN | G.L.GILLILAND,E.L.WINBORNE,J.NACHMAN,A.WLODAWER | 10/89 | |
| 4CMS | CHYMOSIN B(BOVINE) | M.NEWMAN,C.FRAZAO,G.KHAN,I.J.TICKLE,T.L.BLUNDELL,M.SAFRO, N.ANDREEVA,A.ZDANOV | 11/91 | |
| 3CMS | CHYMOSIN B MUTANT(V111F)(BOVINE) | M.NEWMAN,C.FRAZAO,A.SHEARER,I.J.TICKLE,T.L.BLUNDELL | 2/90 | |
| 2CHA | ALPHA-CHYMOTRYPSIN(TOSYL) | J.J.BIRKTOFT,D.M.BLOW | 1/75 | |
| 4CHA | ALPHA-CHYMOTRYPSIN(BOVINE) | H.TSUKADA,D.M.BLOW | 11/84 | |
| 5CHA | ALPHA-CHYMOTRYPSIN(BOVINE) | R.A.BLEVINS,A.TULINSKY | 1/85 | |
| 6CHA | ALPHA-CHYMOTRYPSIN(BOVINE)/PEBA | A.TULINSKY,R.A.BLEVINS | 2/87 | |
| 1CHO | ALPHA-CHYMOTRYPSIN/OVOMUCOID THIRD DOMAIN | M.FUJINAGA,A.R.SIELECKI,R.J.READ,W.ARDELT,M.LASKOWSKI JUNIOR, M.N.G.JAMES | 3/88 | |
| 2GCH | GAMMA-CHYMOTRYPSIN | G.H.COHEN,D.R.DAVIES,E.W.SILVERTON | 5/80 | |
| 3GCH | GAMMA-CHYMOTRYPSIN/CINNAMATE A | B.L.STODDARD,D.RINGE,G.A.PETSKO | 9/89 | |
| 4GCH | GAMMA-CHYMOTRYPSIN/CINNAMATE B | B.L.STODDARD,D.RINGE,G.A.PETSKO | 9/89 | |
| 5GCH | GAMMA-CHYMOTRYPSIN(PHOTOLYSIS) | B.L.STODDARD,D.RINGE,G.A.PETSKO | 9/89 | |
| 6GCH | GAMMA-CHYMOTRYPSIN/ACPHECF3 | K.BRADY,A.WEI,D.RINGE,R.H.ABELES | 4/90 | |
| 7GCH | GAMMA-CHYMOTRYPSIN/ALPCF3 | K.BRADY,D.RINGE,R.H.ABELES | 4/90 | |
| 1GCT | GAMMA-CHYMOTRYPSIN(PH 7.0) | M.M.DIXON,B.W.MATTHEWS | 9/90 | |
| 2GCT | GAMMA-CHYMOTRYPSIN(PH 2.0) | M.M.DIXON,B.W.MATTHEWS | 9/90 | |
| 3GCT | GAMMA-CHYMOTRYPSIN(PH 10.5) | M.M.DIXON,B.W.MATTHEWS | 9/90 | |
| 8GCH | GAMMA-CHYMOTRYPSIN(-183 DEG C)(BOVINE) | M.HAREL,J.L.SUSSMAN,I.SILMAN | 3/91 | |
| 2CI2 | CHYMOTRYPSIN INHIBITOR 2(BARLEY SEEDS) | C.A.MCPHALEN,M.N.G.JAMES | 9/88 | |
| 1CHG | CHYMOTRYPSINOGEN | S.T.FREER,J.KRAUT,J.D.ROBERTUS,H.T.WRIGHT, N.H.XUONG | 3/75 | |
| 2CGA | CHYMOTRYPSINOGEN A(BOVINE) | D.WANG,W.BODE,R.HUBER | 1/87 | |
| 1CTS | CITRATE SYNTHASE(PIG) | S.REMINGTON,G.WIEGAND,R.HUBER | 1/84 | |
| 2CTS | CITRATE SYNTHASE(PIG)/COA/CITRATE | S.REMINGTON,G.WIEGAND,R.HUBER | 1/84 | |
| 3CTS | CITRATE SYNTHASE(CHICKEN,COA,CITRATE) | S.REMINGTON,G.WIEGAND,R.HUBER | 1/84 | |
| 4CTS | CITRATE SYNTHASE(PIG)/OXALOACETATE | S.REMINGTON,G.WIEGAND,R.HUBER | 1/84 | |
| 5CTS | CITRATE SYNTHASE/OXALOACETATE/COA | M.KARPUSAS,B.BRANCHAUD,S.J.REMINGTON | 11/89 | |
| 6CTS | CITRATE SYNTHASE/CITRYLTHIOETHER COA | M.KARPUSAS,B.BRANCHAUD,S.J.REMINGTON | 11/89 | |
| 1CSC | CITRATE SYNTHASE/L-MALATE/CRBXYMTHL COA | M.KARPUSAS,D.HOLLAND,S.J.REMINGTON | 5/90 | |
| 2CSC | CITRATE SYNTHASE/D-MALATE/CRBXYMTHL COA | M.KARPUSAS,D.HOLLAND,S.J.REMINGTON | 5/90 | |
| 3CSC | CITRATE SYNTHASE/L-MALATE/ACETYL COA | M.KARPUSAS,D.HOLLAND,S.J.REMINGTON | 5/90 | |
| 4CSC | CITRATE SYNTHASE/D-MALATE/ACETYL COA | M.KARPUSAS,D.HOLLAND,S.J.REMINGTON | 5/90 | |
| 5CSC | CITRATE SYNTHASE(OPEN FORM) | D.-I.LIAO,M.KARPUSAS,S.J.REMINGTON | 5/90 | |
| 1CTX | ALPHA COBRATOXIN | W.SAENGER,M.D.WALKINSHAW | 4/82 | |
| 1COL | COLICIN(C-TERMINAL DOMAIN)(E.COLI) | M.W.PARKER,J.P.M.POSTMA,F.PATTUS,A.D.TUCKER,D.TSERNOGLOU | 7/91 | |
| 1C5A | COMPLEMENT C5A(DES-ARG)(NMR,41 STRUCTURES) | M.P.WILLIAMSON,V.S.MADISON | 6/90 | |
| 1HCC | 16TH COMPLEMENT CONTROL PROTEIN OF FACTOR H(NMR, MINIMIZED AVERAGE STRUCTURE) | D.G.NORMAN,P.B.BARLOW,I.D.C.CAMPBELL | 11/90 | |
| 2CNA | CONCANAVALIN A | G.N.REEKE JUNIOR,J.W.BECKER,G.M.EDELMAN | 4/75 | |
| 3CNA | CONCANAVALIN A | K.D.HARDMAN,C.F.AINSWORTH | 9/76 | |
| 1CN1 | CONCANAVALIN A(DEMETALLIZED) | M.SHOHAM,A.YONATH,J.L.SUSSMAN,J.MOULT,W.TRAUB, A.J.GILBOA(KALB) | 12/81 | |
| 4CNA | CONCANAVALIN A/ALPHA-METHYL-MANNOSIDE | Z.DEREWENDA,J.YARIV,J.R.HELLIWELL,A.J.KALB(GILBOA), E.J.DODSON, M.Z.PAPIZ,T.WAN,J.CAMPBELL,J.P.TURKENBURG | 10/90 | |
| 1CRN | CRAMBIN | W.A.HENDRICKSON,M.M.TEETER | 4/81 | |
| 1CRO | CRO REPRESSOR PROTEIN | D.H.OHLENDORF,W.F.ANDERSON,Y.TAKEDA,B.W.MATTHEWS | 6/87 | A |
| 2CRO | CRO(PHAGE 434) | A.MONDRAGON,C.WOLBERGER,S.C.HARRISON | 12/88 | |
| 3CRO | CRO/20 BASE PAIR DNA CONTAINING OR1 | A.MONDRAGON,S.C.HARRISON | 7/90 | |
| 4CRO | CRO(BACTERIOPHAGE LAMBDA)/17 BP DNA OR3 | R.G.BRENNAN,S.L.RODERICK,Y.TAKEDA,B.W.MATTHEWS | 9/90 | A |
| 1GCR | GAMMA-II CRYSTALLIN(CALF) | C.SLINGSBY,P.LINDLEY,D.MOSS,T.BLUNDELL,B.TURNELL,G.WISTOW, L.SUMMERS | 8/85 | |
| 2GCR | GAMMA IV A CRYSTALLIN(BOVINE LENS) | H.E.WHITE,H.P.C.DRIESSEN,C.SLINGSBY,D.S.MOSS,P.F.LINDLEY | 5/89 | |
| 1CBP | CUCUMBER BASIC PROTEIN | J.M.GUSS | 9/88 | A |
| 3B5C | CYTOCHROME B5(BOVINE) | F.S.MATHEWS,R.C.E.DURLEY | 1/90 | R |
| 256B | CYTOCHROME B562(ESCHERICHIA COLI) | K.HAMADA,P.H.BETHGE,F.S.MATHEWS | 1/90 | R |
| 3CYT | CYTOCHROME C(ALBACORE,OXIDIZED) | T.TAKANO | 7/80 | |
| 5CYT | CYTOCHROME C(ALBACORE,REDUCED) | T.TAKANO | 1/88 | |
| 1CYC | CYTOCHROME C(BONITO,HEART) | N.TANAKA,T.YAMANE,T.TSUKIHARA,T.ASHIDA,M.KAKUDO | 8/76 | |
| 1CCR | CYTOCHROME C | H.OCHI,Y.HATA,N.TANAKA,M.KAKUDO,T.SAKURAI,S.AIHARA,Y.MORITA | 3/83 | |
| 1YCC | CYTOCHROME C(YEAST,ISO-1,REDUCED) | G.V.LOUIE,G.D.BRAYER | 5/90 | |
| 2YCC | CYTOCHROME C(YEAST,ISO-1,OXIDIZED) | A.M.BERGHUIS,G.D.BRAYER | 1/91 | |
| 2CCY | CYTOCHROME C' | B.C.FINZEL,P.C.WEBER,K.D.HARDMAN,F.R.SALEMME | 8/85 | |
| 2CYP | CYTOCHROME C PEROXIDASE(YEAST) | B.C.FINZEL,T.L.POULOS,J.KRAUT | 8/85 | |
| 1CCP | CYTOCHROME C PEROXIDASE(YEAST) | J.WANG,J.M.MAURO,S.L.EDWARDS,S.J.OATLEY,L.A.FISHEL,V.A.ASHFORD, N.-H.XUONG,J.KRAUT | 2/90 | |
| 2CCP | CYTOCHROME C PEROXIDASE MUTANT(D235N) | J.WANG,J.M.MAURO,S.L.EDWARDS,S.J.OATLEY,L.A.FISHEL,V.A.ASHFORD, N.-H.XUONG,J.KRAUT | 2/90 | |
| 3CCP | CYTOCHROME C PEROXIDASE MUTANT(W191F) | J.WANG,J.M.MAURO,S.L.EDWARDS,S.J.OATLEY,L.A.FISHEL,V.A.ASHFORD, N.-H.XUONG,J.KRAUT | 2/90 | |
| 4CCP | CYTOCHROME C PEROXIDASE MUTANT(W51F) | J.WANG,J.M.MAURO,S.L.EDWARDS,S.J.OATLEY,L.A.FISHEL,V.A.ASHFORD, N.-H.XUONG,J.KRAUT | 2/90 | |
| 2C2C | CYTOCHROME C2(OXIDIZED) | G.BHATIA,B.C.FINZEL,J.KRAUT | 11/83 | |
| 3C2C | CYTOCHROME C2(REDUCED) | G.BHATIA,B.C.FINZEL,J.KRAUT | 11/83 | |
| 1C2R | CYTOCHROME C2(RHODOBACTER CAPSULATUS) | M.M.BENNING,G.WESENBERG,M.S.CAFFREY,R.G.BARTSCH,T.E.MEYER, M.A.CUSANOVICH,I.RAYMENT,H.M.HOLDEN | 3/91 | |
| 1CY3 | CYTOCHROME C3 | R.HASER,M.FREY,F.PAYAN | 6/85 | |
| 2CDV | CYTOCHROME C3(DESULFOVIBRIO VULGARIS) | Y.HIGUCHI,M.KUSUNOKI,Y.MATSUURA,N.YASUOKA,M.KAKUDO | 11/83 | |
| 1CC5 | CYTOCHROME C5(OXIDIZED,AZOTOBACTER VNLD) | C.D.STOUT,D.C.CARTER | 8/84 | |
| 155C | CYTOCHROME C550 | R.TIMKOVICH | 8/76 | |
| 351C | CYTOCHROME C551(OXIDIZED) | Y.MATSUURA,T.TAKANO,R.E.DICKERSON | 7/81 | |
| 451C | CYTOCHROME C551(REDUCED) | Y.MATSUURA,T.TAKANO,R.E.DICKERSON | 7/81 | |
| 2CPP | CYTOCHROME P450CAM(PSEUDOMONAS PUTIDA) | T.L.POULOS | 4/87 | |

## TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993

| IDENT CODE | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|
| 1ABP | L-ARABINOSE-BINDING PROTEIN | F.A.QUIOCHO,G.L.GILLILAND | 8/80 | |
| 6ABP | ARABINOSE-BINDNG PRTN(M108L)/L-ARABINOSE | P.S.VERMERSCH,J.J.G.TESMER,F.A.QUIOCHO | 4/91 | |
| 7ABP | ARABINOSE-BINDNG PRTN(M108L)/D-FUCOSE | P.S.VERMERSCH,J.J.G.TESMER,F.A.QUIOCHO | 4/91 | |
| 8ABP | ARABINOSE-BINDNG PRTN(M108L)/D-GALACTOSE | P.S.VERMERSCH,J.J.G.TESMER,F.A.QUIOCHO | 4/91 | |
| 1BAP | ARABINOSE-BINDNG PRTN(P254G)/L-ARABINOSE | P.S.VERMERSCH,J.J.G.TESMER,F.A.QUIOCHO | 11/91 | |
| 1APB | ARABINOSE-BINDNG PRTN(P254G)/D-FUCOSE | P.S.VERMERSCH,J.J.G.TESMER,F.A.QUIOCHO | 11/91 | |
| 9ABP | ARABINOSE-BINDNG PRTN(P254G)/D-GALACTOSE | P.S.VERMERSCH,J.J.G.TESMER,F.A.QUIOCHO | 11/91 | |
| 5ABP | L-ARABINOSE-BINDING PROTEIN/D-GALACTOSE | F.A.QUIOCHO,D.K.WILSON,N.K.VYAS | 12/90 | |
| 1AAT | CYTOSOLIC ASPARTATE AMINOTRANSFERASE | E.G.HARUTYUNYAN,V.N.MALASHKEVICH | 4/82 | A |
| 2AAT | ASPARTATE AMINOTRANSFERASE COMPLEX | D.SMITH,S.ALMO,M.TONEY,D.RINGE | 5/89 | |
| 3AAT | ASPARTATE AMINOTRANSFERASE MUTANT(R386F) | A.T.DANISHEFSKY,D.RINGE,G.A.PETSKO | 12/90 | |
| 2ATC | ASPARTATE CARBAMOYLTRANSFERASE | R.B.HONZATKO,J.L.CRAWFORD,H.L.MONACO,J.E.LADNER, B.F.P.EDWARDS, D.R.EVANS,S.G.WARREN,D.C.WILEY,R.C.LADNER,W.N.LIPSCOMB | 3/82 | |
| 8ATC | ASPARTATE CARBAMOYLTRANSFERASE(R)/PALA | H.KE,W.N.LIPSCOMB,Y.CHO,R.B.HONZATKO | 8/89 | |
| 1AT1 | ASPARTATE CARBAMOYLTRANSFERASE(R)PAM/MAL | J.E.GOUAUX,W.N.LIPSCOMB | 9/89 | |
| 2AT1 | ASPARTATE CARBAMOYLTRANSFERASE(R)PAM/MAL | J.E.GOUAUX,W.N.LIPSCOMB | 9/89 | |
| 3AT1 | ASPARTATE CARBAMOYLTRANSFERASE(T)/PAM | J.E.GOUAUX,W.N.LIPSCOMB | 9/89 | |
| 4AT1 | ASPARTATE CARBAMOYLTRANSFERASE(T)/ATP | R.C.STEVENS,J.E.GOUAUX,W.N.LIPSCOMB | 4/90 | |
| 5AT1 | ASPARTATE CARBAMOYLTRANSFERASE(T)/CTP | R.C.STEVENS,J.E.GOUAUX,W.N.LIPSCOMB | 4/90 | |
| 6AT1 | ASPARTATE CARBAMOYLTRANSFERASE(T STATE) | R.C.STEVENS,J.E.GOUAUX,W.N.LIPSCOMB | 4/90 | |
| 7AT1 | ASPARTATE CARBAMOYLTRANSFERASE(R)/ATP | J.E.GOUAUX,R.C.STEVENS,W.N.LIPSCOMB | 9/89 | |
| 8AT1 | ASPARTATE CARBAMOYLTRANSFERASE(R)/CTP | J.E.GOUAUX,R.C.STEVENS,W.N.LIPSCOMB | 9/89 | |
| 1ACM | ATCASE(R(A)54A,R(C)54A)(R STATE)/PALA | R.C.STEVENS,E.R.KANTROWITZ,W.N.LIPSCOMB | 7/92 | |
| 2AZA | AZURIN(ALCALIGENES DENITRIFICANS) | E.N.BAKER,G.E.NORRIS | 10/86 | |
| 1AZU | AZURIN | E.T.ADMAN,L.C.SIEKER,L.H.JENSEN | 8/80 | |
| 3BCL | BACTERIOCHLOROPHYLL A PROTEIN | D.TRONRUD,M.F.SCHMID,B.W.MATTHEWS | 6/87 | |
| 1BRD | BACTERIORHODOPSIN(ELECTRON DIFFRACTION) | R.HENDERSON,J.M.BALDWIN,T.A.CESKA,F.ZEMLIN,E.BECKMANN, K.H.DOWNING | 5/90 | |
| 1RNB | BARNASE/D(GPC) (BAC. AMYLOLIQUEFACIENS) | J.JANIN,S.BAUDET | 3/91 | |
| 1BDS | BDS-I(SEA ANEMONE)(NMR, MIN AVERAGED STRUCTURE) | G.M.CLORE,P.C.DRISCOLL,A.M.GRONENBORN | 11/88 | |
| 2BDS | BDS-I(SEA ANEMONE)(NMR) | G.M.CLORE,P.C.DRISCOLL,A.M.GRONENBORN | 11/88 | |
| 1BBP | BILIN BINDING PROTEIN(PIERIS BRASSICAE) | R.HUBER,M.SCHNEIDER,I.MAYR,R.MUELLER,R.DEUTZMANN,F.SUTER, H.ZUBER,H.FALK,H.KAYSER | 9/90 | |
| 2ABX | ALPHA-BUNGAROTOXIN | R.LOVE,R.STROUD | 2/86 | |
| 4CPV | CA-BINDING PARVALBUMIN(CARP) | V.D.KUMAR,L.LEE,B.F.P.EDWARDS | 10/89 | |
| 5CPV | CA-BINDING PARVALBUMIN(CARP) | A.L.SWAIN,R.H.KRETSINGER,E.L.AMMA | 1/90 | |
| 1CDP | CALCIUM-BINDING PARVALBUMIN(CD SUBSTITUTED) | A.L.SWAIN,R.H.KRETSINGER,E.L.AMMA | 1/90 | |
| 1PAL | CA-BINDING PARVALBUMIN(PIKE)/CA2.NH4 | J.P.DECLERCQ,B.TINANT,J.PARELLO,J.RAMBAUD | 11/90 | |
| 2PAL | CA-BINDING PARVALBUMIN(PIKE)/MN2.MN | J.P.DECLERCQ,B.TINANT,J.PARELLO,J.RAMBAUD | 11/90 | |
| 3PAL | CA-BINDING PARVALBUMIN(PIKE)/CA2.MG | J.P.DECLERCQ,B.TINANT,J.PARELLO,J.RAMBAUD | 11/90 | |
| 4PAL | CA-BINDING PARVALBUMIN(PIKE)/CAMG.MG | J.P.DECLERCQ,B.TINANT,J.PARELLO,J.RAMBAUD | 11/90 | |
| 1SCP | SARCOPLASMIC CALCIUM-BINDING PROTEIN | W.J.COOK,S.E.EALICK,Y.S.BABU,J.A.COX,S.VIJAY-KUMAR | 6/90 | |
| 3ICB | CALCIUM-BINDING PROTEIN(INTESTINAL) | D.M.E.SZEBENYI,K.MOFFAT | 9/86 | |
| 3CLN | CALMODULIN(RAT) | Y.S.BABU,C.E.BUGG,W.J.COOK | 5/88 | |
| 4CLN | CALMODULIN(DROSOPHILA MELANOGASTER) | D.A.TAYLOR,J.S.SACK,J.F.MAUNE,K.BECKINGHAM,F.A.QUIOCHO | 6/91 | |
| 1TRC | TR2C FRAGMENT OF CALMODULIN | L.SJOLIN,L.A.SVENSSON,E.PRINCE,S.SUNDELL | 1/90 | |
| 1CAP | CAPSULAR POLYSACCHARIDE(E. COLI M41) | S.ARNOTT | 5/78 | |
| 2CAB | CARBONIC ANHYDRASE FORM B | K.K.KANNAN,M.RAMANADHAM,T.A.JONES | 10/83 | |
| 1CA2 | CARBONIC ANHYDRASE II(HUMAN) | A.E.ERIKSSON,T.A.JONES,A.LILJAS | 2/89 | |
| 2CA2 | CARBONIC ANHYDRASE II(HUMAN)/SCN | A.E.ERIKSSON,P.M.KYLSTEN,T.A.JONES,A.LILJAS | 2/89 | |
| 3CA2 | CARBONIC ANHYDRASE/AMS | A.E.ERIKSSON,T.A.JONES,A.LILJAS | 10/89 | |
| 6CA2 | CARBONIC ANHYDRASE II MUTANT(V143F) | R.S.ALEXANDER,D.W.CHRISTIANSON | 7/91 | |
| 7CA2 | CARBONIC ANHYDRASE II MUTANT(V143G) | S.K.NAIR,D.W.CHRISTIANSON | 7/91 | |
| 8CA2 | CARBONIC ANHYDRASE II MUTANT(V143H) | R.S.ALEXANDER,D.W.CHRISTIANSON | 7/91 | |
| 9CA2 | CARBONIC ANHYDRASE II MUTANT(V143Y) | R.S.ALEXANDER,D.W.CHRISTIANSON | 7/91 | |
| 4CA2 | CARBONIC ANHYDRASE II(HUMAN RECOMBINANT) | R.S.ALEXANDER,D.W.CHRISTIANSON | 6/91 | |
| 5CA2 | CARBONIC ANHYDRASE II MUTANT(T200S) | R.S.ALEXANDER,D.W.CHRISTIANSON | 6/91 | |
| 12CA | CARBONIC ANHYDRASE II MUTANT(V121A) | S.K.NAIR,D.W.CHRISTIANSON | 10/91 | |
| 1CA3 | CARBONIC ANHYDRASE II(HUMAN)(PH 5.7) | S.K.NAIR,D.W.CHRISTIANSON | 11/91 | |
| 1HCA | CARBONIC ANHYDRASE II(HUMAN)(PH 6.5) | S.K.NAIR,D.W.CHRISTIANSON | 4/92 | |
| 1HEA | CARBONIC ANHYDRASE II MUTANT(L198R) | S.K.NAIR,D.W.CHRISTIANSON | 7/92 | |
| 1HEB | CARBONIC ANHYDRASE II MUTANT(L198E) | S.K.NAIR,D.W.CHRISTIANSON | 7/92 | |
| 1HEC | CARBONIC ANHYDRASE II MUTANT(L198H) | S.K.NAIR,D.W.CHRISTIANSON | 7/92 | |
| 1HED | CARBONIC ANHYDRASE II MUTANT(1L98A) | S.K.NAIR,D.W.CHRISTIANSON | 7/92 | |
| 3CPA | CARBOXYPEPTIDASE A/GLYCYLTYROSINE | W.N.LIPSCOMB | 3/82 | |
| 4CPA | CARBOXYPEPTIDASE A/POTATO INHIBITOR | W.N.LIPSCOMB,D.C.REES | 3/82 | |
| 5CPA | CARBOXYPEPTIDASE A(BOVINE)/WATER | W.N.LIPSCOMB | 5/82 | |
| 6CPA | CARBOXYPEPTIDASE A/ZAAP(O)F | H.KIM,W.N.LIPSCOMB | 2/90 | |
| 1CPB | CARBOXYPEPTIDASE B(BOVINE) | M.F.SCHMID,J.R.HERRIOTT | 6/76 | A |
| 2SC2 | WHEAT SERINE CARBOXYPEPTIDASE II | D.-I.LIAO,S.J.REMINGTON | 2/91 | A |
| 1PTE | D-ALANYL-CARBOXYPEPTIDASE-TRANSPEPTIDASE | J.A.KELLY,J.R.KNOX,P.C.MOEWS | 10/85 | A |
| 1CDT | CARDIOTOXIN V II 4(NAJA M. MOSSAMBICA) | B.REES,A.BILWES,J.P.SAMAMA,D.MORAS | 5/90 | |
| 1CAR | CARRAGEENAN | S.ARNOTT | 5/78 | |
| 7CAT | CATALASE(BEEF LIVER) | M.R.N.MURTHY,T.J.REID III,A.SICIGNANO,N.TANAKA, I.FITA,M.G.ROSSMANN | 11/84 | |
| 8CAT | CATALASE(BEEF LIVER) | M.R.N.MURTHY,T.J.REID III,A.SICIGNANO,N.TANAKA, I.FITA,M.G.ROSSMANN | 11/84 | |
| 4CAT | CATALASE(PENICILLIUM VITALE) | B.K.VAINSHTEIN,W.R.MELIK-ADAMYAN,V.V.BARYNIN,A.A.VAGIN, A.I.GREBENKO | 2/83 | B |
| 1CD4 | CD4 (HIV BINDING FRAGMENT) (HUMAN) | S.-E.RYU,P.D.KWONG,T.G.PORTER,A.TRUNEH,J.ARTHOS,X.DAI, N.-H.XUONG,M.ROSENBERG,R.AXEL,R.W.SWEET,W.A.HENDRICKSON | 11/90 | |
| 2CD4 | CD4 (N-TERMINAL FRAGMENT) (HUMAN) | J.WANG,Y.YAN,T.P.J.GARRETT,S.C.HARRISON | 11/90 | |
| 1CBH | CELLOBIOHYDROLASE 1(NMR MIN AVERAGED STRUCTURE) | G.M.CLORE,A.M.GRONENBORN | 5/89 | |
| 2CBH | CELLOBIOHYDROLASE 1(NMR) | G.M.CLORE,A.M.GRONENBORN | 5/89 | |
| 3CBH | CELLOBIOHYDROLASE(TRICHODERMA REESEI) | T.A.JONES,J.ROUVINEN | 8/90 | A |
| 3CHY | CHE Y(ESCHERICHIA COLI) | K.VOLZ,P.MATSUMURA | 4/91 | |
| 2CHY | CHE Y(SALMONELLA TYPHIMURIUM) | J.M.MOTTONEN,A.M.STOCK,J.B.STOCK,C.E.SCHUTT | 5/90 | A |
| 1CLA | CHLORAMPHENICOL ACETYLTRANSFERASE(S148A) | M.R.GIBBS,A.G.W.LESLIE | 10/89 | |
| 2CLA | CHLORAMPHENICOL ACETYLTRANSFERASE(D199N) | M.R.GIBBS,P.C.E.MOODY,A.G.W.LESLIE | 4/90 | |

## TABLE 3 - ATOMIC COORDINATE ENTRIES AVAILABLE - APRIL 1993

| IDENT CODE | | MOLECULE | DEPOSITOR(S) | DATE | STATUS |
|---|---|---|---|---|---|
| 1ACE | | ACETYLCHOLINESTERASE(T.CALIFORNICA) | J.L.SUSSMAN,M.HAREL,I.SILMAN | 10/91 | |
| 4APE | | ACID PROTEINASE(ENDOTHIA PARASITICA) | L.H.PEARL,B.T.SEWELL,J.A.JENKINS,J.B.COOPER,T.L.BLUNDELL | 6/86 | |
| 5ER1 | | ENDOTHIAPEPSIN/BW624 | J.B.COOPER,S.I.FOUNDLING,T.L.BLUNDELL | 11/90 | |
| 5ER2 | | ENDOTHIAPEPSIN/CP-69,799 | A.SALI,B.VEERAPANDIAN,J.B.COOPER,S.I.FOUNDLING,D.J.HOOVER, T.L.BLUNDELL | 1/91 | |
| 3ER3 | | ENDOTHIAPEPSIN/CP-71,362 | S.AL-KARADAGHI,J.B.COOPER,B.VEERAPANDIAN,D.HOOVER,T.L.BLUNDELL | 1/91 | |
| 4ER4 | | ENDOTHIAPEPSIN/H-142 | S.I.FOUNDLING,F.E.WATSON,M.SZELKE,T.L.BLUNDELL | 1/91 | |
| 3ER5 | | ENDOTHIAPEPSIN/H-189 | D.BAILEY,B.VEERAPANDIAN,J.COOPER,M.SZELKE,T.L.BLUNDELL | 1/91 | |
| 2ER6 | | ENDOTHIAPEPSIN/H-256 | J.B.COOPER,S.I.FOUNDLING,M.SZELKE,T.L.BLUNDELL | 10/90 | |
| 2ER7 | | ENDOTHIAPEPSIN/H-261 | B.VEERAPANDIAN,J.B.COOPER,M.SZELKE,T.L.BLUNDELL | 11/90 | |
| 1ER8 | | ENDOTHIAPEPSIN/H-77 | A.M.HEMMINGS,B.VEERAPANDIAN,M.SZELKE,J.B.COOPER,T.L.BLUNDELL | 10/89 | |
| 2ER9 | | ENDOTHIAPEPSIN/L-363,564 | J.B.COOPER,S.I.FOUNDLING,J.BOGER,T.L.BLUNDELL | 10/90 | |
| 2ER0 | | ENDOTHIAPEPSIN/L-364,099 | J.B.COOPER,S.I.FOUNDLING,J.BOGER,T.L.BLUNDELL | 10/90 | |
| 4ER1 | | ENDOTHIAPEPSIN/PD125967 | J.W.QUAIL,J.B.COOPER,M.SZELKE,T.L.BLUNDELL | 10/90 | |
| 4ER2 | | ENDOTHIAPEPSIN/PEPSTATIN | D.BAILEY,B.VEERAPANDIAN,J.B.COOPER,T.L.BLUNDELL | 10/90 | |
| 3APP | | ACID PROTEINASE(PENICILLIUM JANTHINELLUM) | A.R.SIELECKI,M.N.G.JAMES | 11/90 | R |
| 2APR | | ACID PROTEINASE(RHIZOPUS CHINENSIS) | K.SUGUNA,D.R.DAVIES | 3/87 | |
| 3APR | | ACID PROTEINASE/PEPTIDE INHIBITOR | K.SUGUNA,D.R.DAVIES | 6/87 | |
| 4APR | | ACID PROTEASE(R.PEPSIN)/INHIBITOR | K.SUGUNA,D.R.DAVIES | 8/89 | |
| 5APR | | ACID PROTEASE(R.PEPSIN)/INHIBITOR | K.SUGUNA,D.R.DAVIES | 8/89 | |
| 6APR | | ACID PROTEASE(R.PEPSIN)/INHIBITOR | K.SUGUNA,D.R.DAVIES | 8/89 | |
| 5ACN | | ACONITASE(PIG,INACTIVE) | A.H.ROBBINS,C.D.STOUT | 1/90 | |
| 6ACN | | ACONITASE(PIG,ACTIVATED) | A.H.ROBBINS,C.D.STOUT | 1/90 | |
| 2ACT | | ACTINIDIN | E.N.BAKER | 11/79 | |
| 1ACX | | ACTINOXANTHIN | V.Z.PLETNEV,A.P.KUZIN | 12/82 | |
| 1ACP | * | ACYL CARRIER PROTEIN(NMR,2 STRUCTURES) | J.H.PRESTEGARD,Y.KIM | 7/90 | |
| 1APS | | ACYLPHOSPHATASE(NMR,5 STRUCTURES) | V.SAUDEK,A.PASTORE,G.RAMPONI,R.J.P.WILLIAMS | 2/91 | |
| 1ADA | | ADENOSINE DEAMINASE(MOUSE) | D.K.WILSON,F.A.QUIOCHO | 4/91 | A |
| 3ADK | | ADENYLATE KINASE(PORCINE) | G.E.SCHULZ | 11/87 | |
| 1AK3 | | ADENYLATE KINASE ISOZYME 3 | K.DIEDERICHS,G.E.SCHULZ | 1/90 | |
| 1AGA | | AGAROSE | S.ARNOTT | 5/78 | |
| 7WGA | | WHEAT GERM AGGLUTININ(ISOLECTIN 1) | C.S.WRIGHT | 4/90 | |
| 9WGA | | WHEAT GERM AGGLUTININ(ISOLECTIN 2) | C.S.WRIGHT | 4/90 | |
| 1WGC | | WHEAT GERM AGGLUTININ(ISOLECTIN 1) /N-ACETYLNEURAMINYLLACTOSE | C.S.WRIGHT | 4/90 | |
| 2WGC | | WHEAT GERM AGGLUTININ(ISOLECTIN 2) /N-ACETYLNEURAMINYLLACTOSE | C.S.WRIGHT | 4/90 | |
| 1AMT | | ALAMETHICIN(TRICHODERMA VIRIDE) | R.O.FOX,F.M.RICHARDS | 12/87 | |
| 8ADH | | ALCOHOL DEHYDROGENASE(APO) | T.A.JONES,H.EKLUND | 4/89 | |
| 5ADH | | ALCOHOL DEHYDROGENASE(APO)/ADP-RIBOSE | H.EKLUND,T.A.JONES | 1/84 | |
| 6ADH | | ALCOHOL DEHYDROGENASE(HOLO)/NADH/DMSO | H.EKLUND | 1/84 | |
| 7ADH | | ALCOHOL DEHYDRGNSE(ISONICOTINIMIDYLATED) | B.PLAPP,H.EKLUND | 1/84 | |
| 1ALD | | ALDOLASE A(HUMAN) | H.C.WATSON | 5/91 | |
| 1HOE | | ALPHA-AMYLASE INHIBITOR HOE-467A | J.W.PFLUGRATH,G.WIEGAND,R.HUBER | 1/89 | |
| 2ALP | | ALPHA-LYTIC PROTEASE | M.FUJINAGA,L.T.J.DELBAERE,G.D.BRAYER,M.N.G.JAMES | 3/85 | |
| 1P01 | | ALPHA-LYTIC PROTEASE/BOC-A-P-V-BORONIC | R.BONE,D.A.AGARD | 4/89 | |
| 1P02 | | ALPHA-LYTIC PROTEASE/MSUC-A-A-P-A-BORONC | R.BONE,D.A.AGARD | 4/89 | |
| 1P03 | | ALPHA-LYTIC PROTEASE/MSUC-A-A-P-V-BORONC | R.BONE,D.A.AGARD | 4/89 | |
| 1P04 | | ALPHA-LYTIC PROTEASE/MSUC-A-A-P-I-BORONC | R.BONE,D.A.AGARD | 4/89 | |
| 1P05 | | ALPHA-LYTIC PROTEASE/MSUC-A-A-P-NLEU-BRN | R.BONE,D.A.AGARD | 4/89 | |
| 1P06 | | ALPHA-LYTIC PROTEASE/MSUC-A-A-P-F-BORONC | R.BONE,D.A.AGARD | 4/89 | |
| 2P07 | | ALPHA-LYTIC PROTEASE MUTANT(M192A) | R.BONE,D.AGARD | 10/90 | |
| 1P08 | | ALPHA-LYTIC PROTEASE MUTANT(M(192)A)/INHIBITOR | R.BONE,D.A.AGARD | 4/89 | |
| 1P09 | | ALPHA-LYTIC PROTEASE MUTANT(M(213)A) | R.BONE,D.A.AGARD | 4/89 | |
| 1P10 | | ALPHA-LYTIC PROTEASE MUTANT(M(213)A)/INHIBITOR | R.BONE,D.A.AGARD | 4/89 | |
| 1P11 | | ALPHA-LYTIC PROTEASE/PHOSPHONATE ESTER (STRUCTURE 1) | R.BONE,D.AGARD | 10/90 | |
| 1P12 | | ALPHA-LYTIC PROTEASE/PHOSPHONATE ESTER (STRUCTURE 2) | R.BONE,D.AGARD | 10/90 | |
| 1LPR | | ALPHA-LYTIC PROTEASE MUTANT(M192A) /METHOXYSUCCINYL-A-A-P-ALANINE BORONIC ACID | R.BONE,D.AGARD | 8/91 | |
| 2LPR | | ALPHA-LYTIC PROTEASE MUTANT(M192A) /METHOXYSUCCINYL-A-A-P-VALINE BORONIC ACID | R.BONE,D.AGARD | 8/91 | |
| 3LPR | | ALPHA-LYTIC PROTEASE MUTANT(M192A) /METHOXYSUCCINYL-A-A-P-NORLEUCINE BORONIC ACID | R.BONE,D.AGARD | 8/91 | |
| 4LPR | | ALPHA-LYTIC PROTEASE MUTANT(M192A) /METHOXYSUCCINYL-A-A-P-LEUCINE BORONIC ACID | R.BONE,D.AGARD | 8/91 | |
| 5LPR | | ALPHA-LYTIC PROTEASE MUTANT(M213A) /METHOXYSUCCINYL-A-A-P-ALANINE BORONIC ACID | A.FUJISHIGE,R.BONE,D.AGARD | 8/91 | |
| 6LPR | | ALPHA-LYTIC PROTEASE MUTANT(M213A) /METHOXYSUCCINYL-A-A-P-NORLEUCINE BORONIC ACID | R.BONE,D.AGARD | 8/91 | |
| 7LPR | | ALPHA-LYTIC PROTEASE MUTANT(M213A) /METHOXYSUCCINYL-A-A-P-LEUCINE BORONIC ACID | A.FUJISHIGE,R.BONE,D.AGARD | 8/91 | |
| 8LPR | | ALPHA-LYTIC PROTEASE MUTANT(M213A) /METHOXYSUCCINYL-A-A-P-PHE BORONIC ACID | A.FUJISHIGE,R.BONE,D.AGARD | 8/91 | |
| 9LPR | | ALPHA-LYTIC PROTEASE /METHOXYSUCCINYL-A-A-P-LEUCINE BORONIC ACID | R.BONE,D.AGARD | 8/91 | |
| 2TAA | | TAKA-AMYLASE A | M.KUSUNOKI,Y.MATSUURA,N.TANAKA,M.KAKUDO | 10/82 | |
| 7API | | ALPHA 1-ANTITRYPSIN(MODIFIED,TETRAGONAL) | H.LOEBERMANN,R.TOKUOKA,J.DEISENHOFER,R.HUBER | 9/88 | |
| 8API | | ALPHA 1-ANTITRYPSIN(MODIFIED,HEXAGONAL) | H.LOEBERMANN,R.TOKUOKA,J.DEISENHOFER,R.HUBER | 9/88 | |
| 9API | | ALPHA 1-ANTITRYPSIN(MODIFIED,TETRAGONAL) | H.LOEBERMANN,R.TOKUOKA,J.DEISENHOFER,R.HUBER | 9/88 | |
| 1AL1 | | ALPHA-1(SYNTHETIC PEPTIDE) | C.P.HILL,D.H.ANDERSON,L.WESSON,W.F.DEGRADO,D.EISENBERG | 7/90 | |
| 1AAP | | ALZHEIMER'S AMYLOID B-PROTEIN PRECURSOR | T.R.HYNES,M.RANDAL,L.A.KENNEDY,C.EIGENBROT,A.A.KOSSIAKOFF | 9/90 | |
| 1LPE | | APOLIPOPROTEIN E3(LDL RECEPTR-BNDNG DMN) | C.WILSON,D.A.AGARD | 8/91 | |
| 1LE2 | | APOLIPOPROTEIN E2(LDL RECEPTR-BNDNG DMN) | C.WILSON,D.A.AGARD | 8/91 | |
| 1LE4 | | APOLIPOPROTEIN E4(LDL RECEPTR-BNDNG DMN) | C.WILSON,D.A.AGARD | 8/91 | |

### TABLE 1 - INFORMATION AVAILABLE ON MAGNETIC TAPE - APRIL 1993

| *IDENT CODE* | *ITEM* |
|---|---|
| DATAPRTP | ALL AVAILABLE COORDINATE ENTRIES (TABLE 3), BIBLIOGRAPHIC ENTRIES (TABLE 4 - NO COORDINATES IN BIB ENTRIES), AND SOME COMPUTER PROGRAMS (TABLE 2, PART A) |
| PDBPGMTP | ALL COMPUTER PROGRAMS AND MISCELLANEOUS FILES (TABLE 2, PARTS A AND B) |
| NONST1TP | STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 1) |
| NONST2TP | STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 2) |
| NONST3TP | STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 3) |
| NONST4TP | STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 4) |
| NONST5TP | STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 5) |
| NONST6TP | STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 6) |
| NONST7TP | STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 7) |
| NONST8TP | STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 8) |
| NONST9TP | STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 9) |
| NONST10TP | STRUCTURE FACTOR ENTRIES (TABLE 5 - PART 10) |
| NMRRS1TP | NMR EXPERIMENTAL DATA ENTRIES (TABLE 6) |

### TABLE 2 - COMPUTER PROGRAMS AND MISCELLANEOUS FILES - APRIL 1993

| *NAME* | *PURPOSE* | *AUTHOR(S)* | *REV. DATE* | *SUPPORTED* |
|---|---|---|---|---|
| PART A - AVAILABLE ON DATAPRTP, PDBPGMTP | | | | |
| BENDER | PARAMETERS FOR BENT-WIRE MODELS | G.WILLIAMS | 4/82 | YES |
| BLDKIT | MODEL BUILDER'S KIT | E.ABOLA | 2/84 | YES |
| BRUKTP | MAKE VAX/VMS FILES FROM PDB TAPE | H.BOSSHARD | 8/85 | NO |
| CONECT | GENERATE FULL CONNECTIVITY | F.BERNSTEIN | 7/89 | YES |
| CONTNT | GENERATE PDB CONTENTS LIST | H.NICHOLAS JR. | 4/91 | NO |
| CONTCT | INTERMOLECULAR CONTACTS | L.ANDREWS | 5/83 | NO |
| DGPLOT | DIAGONAL PLOTS ON PRINTER | E.SWANSON,F.BERNSTEIN | 1/83 | YES |
| DIHDRL | COMPLETE TORSION ANGLES | E.ABOLA | 3/80 | YES |
| DRCTRY | DIRECTORY OF PDB DISTRIBUTION TAPE | E.ABOLA | 7/86 | YES |
| DSTNCE | CALC DISTANCES FROM CONECT RECORDS | F.BERNSTEIN | 8/82 | YES |
| FISIPL | PHI/PSI PLOTS ON PRINTER | F.BERNSTEIN | 5/79 | YES |
| LSM | COLOR-CODED ALPHA-CARBON MODELS | R.MATELA,R.FLETTERICK | 3/82 | NO |
| NAMOD | BALL-AND-STICK MODEL DISPLAY | Y.BEPPU | 4/89 | NO |
| PHIPSI | MAIN-CHAIN TORSION ANGLES | ANDREWS,WILLIAMS,BERNSTEIN | 2/79 | YES |
| REFMTE | REFORMAT DATA FOR SUPERTAB,SUPERB | L.RELLICK,J.DUANE | 12/83 | NO |
| STEREO | EXTRACT X,Y,Z FROM STEREO DIAGRAMS | M.ROSSMANN | 6/79 | NO |
| TAPDIR | PRINT DIRECTORY OF TAPE CONTENTS | H.BERNSTEIN,F.BERNSTEIN | 11/79 | YES |
| THEOD | MEASURE COORDINATES WITH THEODOLITE | L.LEBIODA | 1/82 | NO |
| TORSRU | COMPLETE TORSION ANGLES | G.REEKE | 10/79 | NO |
| TOTALS | VALIDATION OF MASTER RECORD | L.ANDREWS,F.BERNSTEIN | 3/82 | YES |
| PART B - AVAILABLE ON PDBPGMTP ONLY | | | | |
| ALB | SECONDARY STRUCT. CALC.,PREDICTION | A.FINKELSTEIN,O.PTITSYN | 10/85 | NO |
| CRYSTAL | DATA BASE-PROTEIN CRYSTALLIZATION | G.GILLILAND | 12/84 | NO |
| NDB | NUCLEIC ACID DATA BASE + PROGRAMS | H.BERMAN ET AL. | 9/89 | NO |
| NEWHEL93* | DNA HELIX ANALYSIS | R.DICKERSON ET AL. | 2/93 | NO |
| NUPARM | NUCLEIC ACID PARAMETER DETERMINATN | M.BANSAL,D.BHATTACHARYYA | 5/90 | NO |
| SEARCHDB | SEQUENCE SEARCH OF PDB ENTRIES | D.BLOCH | 6/88 | NO |
| TABLES | DISPLAY SPACE-GROUP SYMMETRY IN 3D | C.ABAD-ZAPATERO,T.O'DONNELL | 12/87 | NO |

* New or replacement since January 1993 release

# PROTEIN DATA BANK

# FULL TABLES

## April 1993

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